best thanks of the scientific world are due to Messrs. F. D. Godman and the late O. Salvin, the able editors of this work, through whose enterprise alone the publication of such a series of monographs has been possible.

In conclusion, it is a great satisfaction to record the donation to the National Collection of the specimens of land and freshwater shells (between four and five thousand specimens) which form the basis of the work before us. This is only one of the many generous gifts to the Museum for which both the scientific world and the public at large are indebted to Mr. Godman. E. A. SMITH.

MISCELLANEOUS.

Dates of Publication of the Zoological and Botanical portions of some French Voyages.—Part II. Ferret and Galinier's '*Voyage en Abyssinie*'; Lefebvre's '*Voyage en Abyssinie*'; '*Exploration scientifique de l'Algérie*'; Castelnau's '*Amérique du Sud*'; Dumont d'Urville's '*Voyage de l'Astrolabe*'; Laplace's '*Voyage sur la Favorite*'; Jacquemont's '*Voyage dans l'Inde*'; Tréhouart's '*Commission scientifique d'Islande*'; Cailliaud, '*Voyage à Meroé*'; '*Expédition scientifique de Morée*'; Fabvre, '*Commission scientifique du Nord*'; Du Petit-Thouars, '*Voyage de la Vénus*'; and on the Dates of the '*Faune Française*.' By C. DAVIES SHERBORN, F.Z.S., and B. B. WOODWARD, F.L.S. &c.

[Concluded from p. 336.]

Commission scientifique du Nord. Voyages . . . en Scandinavie, en Laponie, au Spitzberg et aux Féroë, pendant . . . 1838-40, sur . . . la Recherche, commandée par M. FABVRE . . .

BOTANIQUE. = Several papers in vol. ii., of which "Voy. bot . . . côtes . . . de Drontheim au Cap Nord. Par Martins" seems to have appeared in Sept. 1846 (Wieg. Archiv, 1847, ii. 416).

GÉOLOGIE, by E. Robert. Mainly glaciation, but part 2 contains some ethnographical papers; a "Liste des Fossiles du gravier coquillier de la Norvège," par Keilhau; and "Fossiles du Spitzberg" [two papers], par de Koninek. Part 1 (pp. 1-210) of this section was notified 1 June, 1844 (Bibl. Franç.), and part 2 (pp. 211-308) in 1855 (Bull. Soc. géol. France, [2] xii. 1855, p. 285).

GÉOLOGIE, by J. Durocher. Pt. 1 (pp. 1-216), C. Rendus, 23 Jan. 1843, p. 213. Pt. 2 (pp. 217-482), 1855, Bull. Soc. géol. France, [2] xiii. 1856, p. 305.

GÉOGRAPHIE PHYSIQUE. By Ch. Martins et alii.

Tom. I. Pt. 1, pp. 1-236. C. Rendus, Jan. 1844, p. 164.

2, 236-474. " Mar. 1846, p. 440.

Tom. II. Pt. 1, pp. 1-278. " July 1846, p. 111.

1st paper appeared Mém. Cour. Belge, xv. (1841).

2nd " " Bibl. Univ. lviii. (1845).

3rd " " in 1846 (Wieg. Arch. 1847, ii. 416) as a separate, being issued probably in advance.

Tom. II. Pt. 2.

4th paper appeared Ann. Chem. xxiv. (1848), xxv. (1849). Also issued separately in 1848.

5th (pars) „ Ann. Sci. Nat. (Bot.) xi. (1849).

A separate copy of the last paper in this part was laid before the Academy in Jan. 1850 (C. R. tom. xxx. p. 55). It may, we think, be fairly inferred that the completed part appeared soon after, and we take **1850** for the date of this part.

ZOOLOGIE. [Consisting of plates of Fishes, Birds, Crustacea, Annelids, Medusæ, and Protozoa, all without text. Some of the Fishes and Crustacea were described by H. Krøyer in his Nat. Tijdschrift, [2] vols. i. & ii. (1844-49).]

The first livraison of the whole work was issued in 1842 (Bull. Soc. géogr. Franç. [2] xviii. p. 446). J. [L. M.] Vahl, whose name appears on the titlepage of the "Géogr. phys.," did not contribute to the literature of this Voyage, but did to the 'Voyage en Islande,' which was going through the press at the same time.

'Voyage autour du Monde sur . . . la Vénus, pendant . . .
1836-39 . . . Par A. DU PETIT-THOUARS, &c.'

ZOOLOGIE. Pp. 355.

Mammifères. By Isidore Geoffroy Saint-Hilaire (and J. Pucheran). **1852**. C. Rendus, Feb. 1852, p. 258.

Oiseaux. By Prévost and Des Murs. **1849**. Wieg. Arch. 1850, p. 46.

Reptiles. By Duméril. No text up to 1847. Wieg. Arch. 1848, p. 196.

Ichthyologie. By Valenciennes. No text up to 1847. Wieg. Arch. 1848, p. 203.

"Mollusca." See Wieg. Arch. 1848, p. 215, which notices the plates. Carpenter, writing in the Rep. Brit. Assoc. for 1856, p. 203, says "plates only have been seen."

The text of Mamm., Oiseaux, Reptiles, and Poissons was issued in one volume, being v. pt. 1, 21 July, 1855 (Bibl. Franç.); but that the dates given above for the Mammals and Birds are correct is indirectly shown by the settings of the text to the former, the spacing being unequal (*e. g.* p. 46) and some blank spaces and pages being left in order to fill up the number of pages that had been allotted when that to the birds was printed off. We think the remaining text is not earlier than 1855, since Valenciennes's new genus *Smecticus* is not quoted in Duméril's "Ichthyologique analytique" (Mém. Acad. Sci. Paris, tom. xxvii. 1856), which was written in 1855.

N.B.—All species are named in the 'Table des Planches,' which was published in 1846.

BOTANIQUE [=vol. v. pt. 2]. Par J. Decaisne. Not published by July 1855 (see Bibl. Franç. 21 vii. 1855). All the plates of Botany were out by 1855, and possibly 1846; the text was issued 3 Sept. **1864** (Bibl. Franç.).

The Dates of the 'Faune Française.'

It may be convenient to put on record the dates of publication of this work. The 'Faune Française' was never finished; these notes therefore provide a collation. The dates given are those recorded in 'Bibliogr. Française.'

Livr. 1 (1 & 2).	31 Mar. 1821.	Coléopt., par Audinet-Serville, pp. 1-96.
2 (3 & 4).	27 July, 1821.	Lépidopt., par St.-Fargeau, pp. 1-96.
5 & 6.	15 June, 1822.	Oiseaux, par Vieillot, pp. 1-96.
7 & 8.	24 May, 1823.	Hyménopt., par Audinet-Serville, pp. 1-96.
9 & 10.	28 Feb. 1824.	Oiseaux, par Vieillot, pp. 97-192.
11 & 12.	7 Aug. 1824.	Araneides, par Walckenaer, pp. 1-96.
13 & 14.	30 Apr. 1825.	Poissons, par Blainville, pp. 1-96.
15 & 16.	28 Oct. 1826.	Oiseaux, par Vieillot, pp. 193-288.
17.	27 Sept. 1828.	Oiseaux, par Vieillot, pp. 289-368.
18.	29 Nov. 1828.	Malacozoaires, par Blainville, pp. 1-80.
19.	31 Jan. 1829.	Mammals, par Desmarest, pp. 1-80.
20.	7 Mar. 1829.	Malac., par Blainville, pp. 81-160.
21.	11 Apr. 1829.	Lépidopt., par St.-Fargeau, pp. 97-176.
22.	30 May, 1829.	Oiseaux, par Vieillot, pp. 369-444.
23.	1 Aug. 1829.	Malac., par Blainville, pp. 161-240.
24.	17 Oct. 1829.	Coléopt., par Audinet-Serville, pp. 81-160.
[N.B.—With livr. 24 was issued "livr. 1 & 2," a reconstructed edition of the 1821 "livr. 1 & 2," and intended to replace it. It consisted of pp. 1-80, of which the signatures read "Faune Française, 1 ^{re} et 2 ^e livraisons. Coléoptères." In the original "livr. 1 & 2" the signatures read "II. I. I."]		
25.	26 Dec. 1829.	Lépidopt., par St.-Fargeau, pp. 177-256.
26.	20 Mar. 1830.	Araneides, par Walckenaer, pp. 97-176.
27.	8 May, 1830.	Coléopt., par Audinet-Serville, pp. 161-240.
28.	3 July, 1830.	Malac., par Blainville, pp. 241-320.
29.	16 Oct. 1830.	Araneides, par Walckenaer, pp. 177-240.

Or, summarized zoologically, it comes out as follows:—

Mammalia.	Pp.	1-80.	Jan. 1829.
Aves.		1-96.	June 1822.
"		97-192.	Feb. 1824.
"		193-288.	Oct. 1826.
"		289-368.	Sept. 1828.
"		369-444.	May 1829.
Pisces.		1-96.	April 1825.
Coleoptera.		1-96.	Mar. 1821.
"	new ed.	1-80.	Oct. 1829.
"		81-160.	"
"		161-240.	May 1830.
Lepidoptera.		1-96.	July 1821.
"		97-176.	Apr. 1829.
"		177-256.	Dec. 1829.
Hymenoptera.		1-96.	May 1823.
Araneæ.		1-96.	Aug. 1824.
"		97-176.	Mar. 1830.
"		177-240.	Oct. 1830.
Mollusca.		1-80.	Nov. 1828.
"		81-160.	Mar. 1829.
"		161-240.	Aug. 1829.
"		241-320.	July 1830.

Addenda et Corrigenda to Part I. ('Annals,' April 1901, pp. 390, 391).

'Voyage aux Indes orientales.'

By an oversight our first instead of our final conclusions were transcribed. It is evident that the sheeting as given by the *Bibl. Franç.* is wrong, that the latter half of the work came out in well-defined sections, and the last three livraisons were—

- Livr. 6. Pp. 337-440 (Fish & Mollusca). 1832.
 7. 441-512 (Insecta). 1833.
 8. 513-end (Zoophytes & Index). 1834.

'Voyage au Pôle Sud.'

Botanique, tom. i. Some copies have a titlepage dated "1842-1845." This was an error of the publishers, as citations in the volume show, and the title in question was evidently withdrawn later. Its date was 1845.

'Voyage sur la Bonite.'

Add :—Géologie et Minéralogie. Par M. E. Chevalier. Date as on titlepage 1844 (*Compt. Rend. Acad. Sci. Paris*, tom. xix. Sept. 16, 1844, p. 583).

Corrigenda to my Papers "Note on Diatoms from Chincha Guano" (Ann. & Mag. Nat. Hist. vol. vi., 1900) and "A List of Californian Diatoms" (l. c. vol. vii., 1901). By C. MERESCHKOWSKY.

I REGRET to say that the dimensions of the diatoms described in the two above-mentioned papers are not quite correct. Through an error in my calculations, which I discovered only lately, all the measures given are 5 per cent. higher than they ought to be*. In order to make it possible to correct this error I give here a table containing all measures quoted in both papers, accompanied by their real value. This will enable a quick and easy rectification†.

Instead of	read	Instead of	read
0·0015 mm.	0·0014 mm.	0·0077 mm.	0·0073 mm.
0·0024	0·0023	0·008	0·0076
0·003	0·0029	0·0085	0·0082
0·0035	0·0033	0·009	0·0086
0·004	0·0038	0·010	0·0095
0·005	0·0048	0·011	0·0105
0·0052	0·0049	0·0115	0·011
0·0053	0·0050	0·012	0·0114
0·0055	0·0052	0·0125	0·012
0·0058	0·0055	0·013	0·012
0·006	0·0057	0·0133	0·0126
0·0065	0·0062	0·014	0·013
0·007	0·0067	0·0145	0·014
0·0075	0·0072	0·015	0·0143
0·0076	0·0072	0·016	0·015

* This applies also to the measures given in my paper "*Etudes sur l'Endochrome des Diatomées*," which has recently been published by the Academy of Sciences of St. Petersburg.

† A few measures quoted from other authors need, of course, no rectification.

Instead of	read	Instead of	read
0.017 mm.	0.016 mm.	0.075 mm.	0.0715 mm.
0.0175	0.0166	0.077	0.073
0.018	0.017	0.082	0.078
0.0185	0.0176	0.083	0.079
0.019	0.018	0.084	0.080
0.0195	0.0185	0.085	0.081
0.020	0.019	0.086	0.082
0.0205	0.0195	0.088	0.084
0.021	0.02	0.090	0.0855
0.022	0.021	0.091	0.086
0.023	0.022	0.094	0.089
0.024	0.023	0.096	0.091
0.0245	0.0233	0.097	0.092
0.025	0.024	0.098	0.093
0.0265	0.0252	0.1	0.095
0.027	0.0256	0.117	0.111
0.028	0.0266	0.118	0.112
0.029	0.0275	0.119	0.113
0.031	0.0295	0.120	0.114
0.033	0.031	0.121	0.115
0.035	0.033	0.126	0.120
0.036	0.034	0.127	0.121
0.038	0.036	0.140	0.133
0.040	0.038	0.146	0.139
0.041	0.039	0.150	0.143
0.0417	0.040	0.152	0.144
0.042	0.040	0.161	0.153
0.043	0.041	0.162	0.154
0.044	0.042	0.165	0.157
0.045	0.0427	0.166	0.158
0.0455	0.043	0.175	0.166
0.046	0.0437	0.180	0.171
0.047	0.0445	0.187	0.178
0.049	0.0466	0.188	0.179
0.050	0.0475	0.194	0.184
0.051	0.048	0.196	0.186
0.053	0.050	0.197	0.187
0.054	0.051	0.217	0.206
0.055	0.052	0.224	0.213
0.056	0.053	0.245	0.233
0.0565	0.0535	0.252	0.239
0.057	0.054	0.262	0.249
0.060	0.057	0.267	0.254
0.063	0.060	0.311	0.295
0.064	0.061	0.364	0.346
0.065	0.062	0.437	0.415
0.068	0.065	0.463	0.440
0.069	0.0655	0.483	0.459
0.070	0.0665	0.538	0.511
0.072	0.068		

As another result of this error the magnifications given on the Plates should all be 5 per cent. higher than indicated: these must therefore be changed as follows:—

Instead of	$\frac{300}{1}$	read	$\frac{315}{1}$.
"	$\frac{600}{1}$	"	$\frac{630}{1}$.
"	$\frac{900}{1}$	"	$\frac{945}{1}$.

It is superfluous to say that the scales at the bottom of the Plates are, for the same reason, useless.

I take this opportunity to make a few remarks concerning some of the species mentioned in the same papers:—

Nitzschia spiralis, Mer. (Ann. & Mag. Nat. Hist. vol. vii. p. 475).—This name having already been given to another species, must be changed, and I propose to call it *N. contorta*, Mer.

Tropidoneis elegans (W. Sm.), Cl. (l. c. p. 299), is by mistake said to have two chromatophore-plates. It has four plates, as all marine species, with the exception of *T. vitrea*, which has only two.

Climacosphenia pacifica, Mer. (l. c. p. 508), is the same as *C. elongata*, Bail., at least it does not differ from the figure of that species given by Peragallo (Diat. mar. d. France, pl. lxxxvi. figs. 1–2); the former name has therefore to be dropped.

Licmophora Monksii, Mer. (l. c. p. 510), being named after a lady, has to be changed into *L. Monksiae*.

Rhabdonema sp. ? (l. c. p. 505. n. 136) is most probably *R. Crozierii* (Ehr.), Grun.

Biddulphia simplex, Mer. (l. c. p. 516), should be compared with the species figured by A. Schmidt, 'Atlas,' pl. cxli. figs. 9–11; the latter is, however, different from *B. simplex*, not having the characteristic biarcuate lines. *B. simplex* is also very nearly allied to *B. pellucida*, Castrac. (Diat. Challeng. pl. xxvi. fig. 5), of which it may be a variety.

Biddulphia Baileyi, W. Sm. (l. c. p. 516), to be replaced by *B. mobiliensis*. According to Boyer both are identical (other authors distinguish them). The genuine *B. mobiliensis* is not rare in the plankton of San Pedro (Calif.).

Navicula (*Libellus*) *hamulifera* (l. c. p. 294), *N.* (*Schizonema*) *avenacea* (p. 293), and *Surirella fastuosa* var. *lata* (p. 480) had better be excluded from the list.

Asteromphalus malleus, var. *pacifica*, Mer. (Ann. & Mag. Nat. Hist. vol. vi. p. 487).—When I described this variety I was not in possession of A. Schmidt's 'Atlas.' Having it now, I see (Atl. pl. xxxviii. fig. 3) that this form has already been described by Brébisson under the name of *A. arachne*. As this latter was described first, the species of Wallich should be called var. *mallea*. Schmidt's fig. 4 in plate xxxviii. and fig. 27 in plate cxxxvii. do not, however, resemble *A. arachne*, differing by the rays being broader and a little inflated at the ends; this is never the case in *A. arachne*, of which I have observed quite a number of specimens. It should be distinguished as var. *gazellæ*, Mer.

Skeletonema costatum, var. *spiralis*, Mer. (l. c. p. 485), has been figured, but neither described nor named, by A. Schmidt, 'Atlas,' pl. clxxx. figs. 36–37.

1901. "Miscellaneous." *The Annals and magazine of natural history; zoology, botany, and geology* 8, 491–496. <https://doi.org/10.1080/03745480109443349>.

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