The Birds of Ireland. By RICHARD USSHER and ROBERT WARREN.
Gurney & Jackson, London, 1900.

A NEW history of the birds of Ireland, thoroughly up to date, has long been needed. That want has now been supplied, with a completeness that leaves nothing to be desired, in the volume now before us. It is a model of what such a book should be, for it is something more than a register of names of birds which may be found and looked for within the boundaries of Irish territory. Its pages teem with facts, and so well presented that they form the most delightful reading. Lovers of outdoor life, and of bird-life in particular, will turn to this volume again and again with a sense of delicious enjoyment, even though they be not specially interested in the birds of Ireland. The whole book shows that the authors have an intimate—we may say a peculiarly intimate—knowledge of their subject, for almost every page records some new fact or observation on the habits of birds and their surroundings. It might very well serve as a textbook on the habits and instincts of birds.

The illustrations comprise a coloured plate, maps, numerous full-page plates, and vignettes, all of which are excellent.

W. P. PYCRAFT.

MISCELLANEOUS.

Notes on the Dates of Publication of the Natural History portions of some French Voyages.—Part I. ‘*Amérique méridionale*’; ‘*Indes orientales*’; ‘*Pôle Sud*’ (‘*Astrolabe*’ and ‘*Zélée*’); ‘*La Bonite*’; ‘*La Coquille*’; and ‘*L’Uranie et Physicienne*.’ By C. DAVIES SHERBORN, F.Z.S. &c., and B. B. WOODWARD, F.L.S. &c.

‘*Voyage dans l’Amérique méridionale*,’ &c. Par A. D’ORBIGNY.

Tom. III., pt. 4. Paléontologie, by Orbigny. 188 pp. Issued in 1842.

A portion of this work, entitled ‘*Coquilles et Echinodermes fossiles de Colombie*’ (4to, Paris, 1842), was issued earlier in the same year by d’Orbigny.

IV., pt. 2. Mammalogie, by Orbigny and Gervais. 32 pp. 1847.

Wiegmann, Archiv, 1848, p. 143.

IV., pt. 3. Oiseaux, by Orbigny. 395 pp.

pp. 1–48. 1835. Wiegmann, Arch. 1836, p. 162.

49–158. 1837. Id. 1838, pp. 370 & 380; 1839, p. 234.

159–232. 1838. Isis, 1839, p. 406.

233–352. ?

353–395. 1847. Wiegmann, Arch. 1848, ii. p. 10; Isis, 1847, p. 940.

[A detailed description of the bird part already issued appeared in ‘*Isis*, 1839, p. 406 &c.; it says that up to p. 232 had appeared by “*Lieferung 35*, 1835”—but the statements of Wiegmann seem more reliable as to the earlier pages, though it establishes the publication of p. 232 by 1839; besides, Lief. 35 could not have appeared until the end of 1837, as Lief. 1 was issued only in Jan. 1835!; it appeared Oct. 1838, see *Compt. Rendus*, 1838, Oct., p. 726.]

Tom. V., pt. 1. Reptiles, by Orbigny and Bibron. 12 pp.

1847. Wiegmann, Arch. 1848, p. 196.

- Tom. V., pt. 2. Poissons, by Valenciennes. 11 pp.
1847. Wiegmann, Arch. 1848, p. 204.
- V., pt. 3. Mollusques, by Orbigny. 758 pp.
 pp. 1-48. **1835.** Wiegmann, Arch. 1836, p. 163.
 49-184. **1836.** " 1837, p. 272.
 185-376. **1837.** " 1838, pp. 272-285.
 377-408. **1840.** " 1841, pp. 261, 269, &c.
 409-488. **1841.** " 1842, p. 377.
 489-end. **1846.** " 1847, pp. 373 & 396.
 expl. of plates, &c.
- V., pt. 4. Zoophytes, by Orbigny. 28 pp.
1839 [pp. 1-16] } No evidence to hand.
1846 [17-28] }
- V., pt. 5. Foraminifères, by Orbigny. 81 pp.

The titlepage of the "Foraminifères" is dated 1839, the wrapper is dated 1843. Troschel in 1840 (Wiegmann, Arch. pp. 398-462) translated and printed the whole work. Apparently the work was printed by the government and ready for publication by 1839, but for some reason or other was delayed. The fact that Troschel reprinted the paper, however, allows us to take the original date of **1839**, rather than to disturb the history of so many specific names.

- Tom. VI., pt. 1. Crustacées, by Milne-Edwards and Lucas. 39 pp.
1844. Wiegmann, Arch. 1845, p. 173.
- VI., pt. 2. Insectes, by A. Brullé (to p. 60), and after by Blanchard. 222 pp.
 pp. 1-16. **1837.** Wiegmann, Arch. 1838, p. 208.
 17-56. **1838.** " 1839, p. 314.
 57-88. **1842.** " 1843, p. 156.
 89-104. **1844.** " 1845, p. 77 &c.
 105-222. **1846.** " 1847, p. 73 &c.

VII. Botanique.

Dates as on the titlepages. Wiegmann, Arch. 1850, ii. p. 307.

Orbigny himself often dated his species, and in so doing he frequently put the date of the writing of the MS.; this practice has, however, been condemned by all naturalists, and the species must date from the date of publication. The history of the publication of this book is curious, but not unusual among French works of this nature. It was issued in livraisons, many of which consisted of plates only + a wrapper; unfortunately we are able to find only a very few references to the contents of the livraisons, and have therefore relied upon Wiegmann's Arch., for in that book more often than not a minute account of the contents received by the recorder is placed under review. The following are specimens of the notes in our hands, from which it will be seen that at present it is hopeless to deal with the date of the plates, even did we think it advisable to do so:—

- Livr. 1 & 2 (1834). Itin. pp. 1-96; Moll. pls. 1 & 2; Ois. pl. 2.
 3-6 (1835). Ois. pp. 1-48; Mamm. pls. 3, 4; Moll. pp. 1-48; Itin. pp. 97-192; Rept. pl. 1; Poiss. pl. 3. (Wiegmann, Arch. 1836, p. 167.)
 26-34 appeared in 1837. Wiegmann, Arch. 1838, ii. p. 265.
 1-35 appeared between 1834 and 1836 ('Isis,' 1839, p. 406 &c.), and contained:—

Mamm. up to *Vespertilio ruber*, pls. 1-11 (not 7), but no text.

- Birds. pls. 1-36 [37], 38-42, 47, 48, 52, 53, 56; text up to *Troglodytes tessellata*, p. 232.
 Rept. pls. 1, 2, 5 } No text.
 Fishes, pls. 1-10 }
 Moll. pls. 1-52 (began with livr. 6, 1834) and text to p. 376.
 Coleopt. pls. 1-5; no text.
 Livr. 35-38 in 1838. No text of Mollusca by this date. Wiegman. Arch. 1839, p. 204.
 50 (up to 1840). No text of Mammals yet. Wiegman. Arch. 1841, ii. p. 7.
 49, 1840. Littorinæ to beginning of Trochidae (4 sheets). Wiegman. Arch. 1841, ii. pp. 261, 269, 272.
 71-88. 156½ sheets of text. Bibl. Franç. 15 May, 1847.
 89-90. 38½ " " " 6 Oct. 1849.

The Journ. gén. Litt. no. 10, 1836, p. 162, says the first livraison appeared January 1835, and that it has appeared regularly every month; but this is not strictly true (see Compt. Rendus, Lists, from 1835). The information in 'Isis,' 1847, pp. 940-944, is incorporated above.

'Voyage aux Indes orientales . . . pendant . . . 1825-29, publiée . . . par M. C. BÉLANGER.'

Zoologie.

Livr. 1.	5 sheets, pp. 1- 80.	Bibl. Franç. 19 Feb. 1831	} Fér. Bull. xxvi.
291.
2.	5 31-160.	" 19 Mar. "	
3.	4 161-224.	" 21 May "	
4.	4 225-288.	" 4 Aug. 1832	
5.	3 289-336.	" 15 Sept. "	
6.	5 { 337-400.	" 1 Dec. "	
	{ 401-416.		
" 6."	5 { 417-440.	" 31 Aug. 1833.	
	{ 441-496.		
	{ 497-512.		
8.	8½ { 513-520.	" 29 Mar. 1834.	
	{ 521-535.		
	{ 536, i-xxix.		

? Reissued in 1844; see Carus and Engelmann, p. 284.]

Botanique.

- Livr. 2 & 3 were issued in 1834 (Bibl. Franç.), but apparently consisted of plates and wrappers. The "Cryptogamie," by Bélanger and Bory de St. Vincent, according to Pritzel, seems to have been issued in 1846.

Voyage au Pôle Sud et dans l'Océanie sur les Corvettes l'Astrolabe et la Zélée, exécuté . . . pendant . . . 1837-40, sous le commandement de M. J. DUMONT D'URVILLE, &c.

Anthropologie. Par Dumontier. (Text by E. Blanchard.) 1854. Bibl. Franç. 4 Nov. 1854.

Zoologie. Par Houbbron et Jarquinot. 5 vols.

I. De l'Homme, &c.	} 1846. Bibl. Franç. 19 Sept. 1846.
II. Considérations . . . sur l'Anthropologie.	
III. Mamm., Ois., Rept., Poiss., Crust.	} 1853. Wiegmann, Archiv, 1854, ii. 49; 1855, ii. 13, 284, 430.
IV. Insectes.	
V. Moll., Coq., Zooph.	1854. Wiegmann, Archiv, 1855, ii. 456.

Note.—This vol. v. was originally intended for vol. iv. part 2, and the signatures bear that reference; it should be quoted as "V.[iv.(2)]."

Botanique. 2 vols.

I. Plantes cellulaires. 1845. Bibl. Franç. 16 Aug. 1845.

II. Plantes vasculaires. 1853. Wiegmann, Archiv, 1855, ii. 372.

Géologie. The Atlas of Geology, which was issued in 1847 (Bibl. Franç. 23 Jan. 1847), contained 5 pls. of fossils named by Orbigny—they are "nomen et figura," since no descriptions were published.

Voyage autour du Monde exécuté pendant . . . 1836 et 1887 sur
. . . 'la Bonite,' commandée par M. VAILLANT, &c.

Zoologie. Par MM. Eydoux et Souleyet.

Vol. I. pp. i-xxxix, 1-106. 1841. Bibl. Franç. 18 Dec. 1841; Wiegmann, Archiv, 1842, pp. 16 & 38.

107-328. 1842. Wiegmann, Arch. 1843, p. 156.

II. pp. 664.

1852. Wiegmann, Arch. 1853, p. 91; 1854, pp. 395 & 421; J. de Conch. iv. 1853, p. 93.

Zoophytology. Par L. Laurent. 276 pp. 1844. Bibl. Franç. 14 Dec. 1844.

Botanique. Par M. Gaudichaud.

Introduction. 8vo. 1851.

Explication et description des planches de l'Atlas par C. d'Alleizette. 186 pp. 1866.

Cryptogames. 355 pp. 1846. Bibl. Franç. 7 Nov. 1846.

Note.—The whole of the Cryptogams appeared in 1846; Montagne, in the preface, says that the complete MS. was sent to the editor in Dec. 1843, that some proofs were sent by him to Berkeley in 1844, who published extracts therefrom; but the work was not issued till 1846.

Atlas. 150 pls. [1846-49 ?]

Voyage autour du Monde . . . sur . . . la Coquille pendant
. . . 1822-25 . . . Par L. J. DUPERRY &c.

Zoologie. 28 livr., forming 2 vols.

Livr. 1. 6 sheets. Vol. I. pp. 1-48. Bibl. Franç. 1 Nov. 1826.

2. 5 49-88. 17 Jan. 1827.

3. 5 89-128. 18 Apr. "

4. 5 129-168. 25 July, "

5. 6 169-216. 17 Oct. "

6. 5 217-256. 22 Mar. 1828.

7. 5 257-296. 21 June, "

8. 7 297-352. 29 Nov. "

9. 7 353-408. 28 Feb. 1829.

10. 6 409-456. 4 Apr. "

11. 6 457-504. 30 May, "

12. 7 505-560. 4 July, "

13. 5½ 561-600. 21 Nov. "

14. 6 601-648. 9 Jan. 1830.

15. 6 649-696. 3 Apr. "

16. 6 697-743. 1 May, "

"16." 3 Vol. II. pp. 1- 24. 12 June, "

18. [25-471. 1830.]

19. 1 11 Dec. "

20. 1 30 Apr. 1831.

21. 1 11 June, "

22. 1 } Wrappers [with plates?] 2 July, "

23. 1 6 Aug. "

24. 1 17 Sept. "

Livr. 25.	27 sheets	{ Vol. II. pt. 2 (Crust. & Ins.) }	pp. 1-216.	Bibl. Franç.	12 Nov. 1831.
26.	29	{ " " (Zoophytes.) }	217-319. 1-128.		{ 10 Dec. "
27.	1	"	129-135.		28 Jan. 1832.
28.		"	136-155.	Ann. Soc. Ent. Fr. i.	115. [1832.]
Botanique.					
Livr. 1.	6 sheets.	Crypt.	pp. 1- 48.	Bibl. Franç.	12 Sept. 1827.
2.	6		49- 96.		26 Dec. "
3.	5		97-136.		16 Feb. 1828.
4.	8		137-200.		3 Jan. 1829.
5.	6		201-250.		8 Aug. "
6.	6½		251-300.		14 Nov. "
7.	5	Phan.	1- 40.		1 Aug. "
8.	6		41- 88.		2 Apr. 1831.
9.	2		89-104.		2 July, "
10.	4		105-136.		10 Mar. 1832.
11-14.	8½		137-200.		12 July. 1834.

'Voyage autour du Monde exécuté sur l'Uranie et la
Physicienne, pendant 1817-20' Par M. L.
DE FREYCNET.

Zoologie. Par MM. Quoy et Gaimard. iv, 712 pp., 96 pls.

Livr. 1.	5 sheets, pp. 1- 40.	Bibl. Franç.	26 June, 1824.	Fér. Bull. iii. 1824,
2.	6		31 July, "	Ibid. [62.
3.	5		28 Aug. "	Ibid. 220.
4.	7		18 Sept. "	Ibid. iv. 1825, 85.
5.	6		9 Oct. "	Ibid. 250.
6.	6		20 Nov. "	Ibid. 366.
7.	5 (6)		18 Dec. "	Ibid. v. 255.
8.	6		29 Jan. 1825.	{ Ibid. vi. 102, 113.
9.	6		26 Mar. "	
10.	6 (?5)	{ 425-496.	7 May, "	{ Ibid. vii. 1826, 382.
11.	5 (?4)		18 June, "	
12.	5		6 Aug. "	{ Ibid. xii. 1827, 387.
13.	5	{ 497-616.	1 Oct. "	
14.	5		17 Dec. "	
15.	6		26 Apr. 1826.	{ Ibid. xxi. 97.
16.	6		14 June, "	

[Descriptions of the anatomy of some of the marine Mollusca were contributed by H. D. de Blainville; the land-shells were named by Férussac; whilst the descriptions of the "Polypiers flexibles" were by Lamouroux.]

Botanique. Par M. C. Gaudichaud. Algæ, by Agardh; Fungi, by Persoon.

Livr. 1.	6 sheets, pp. 1- 48.	Bibl. Franç.	25 Oct. 1826.	Fér. Bull. xi. 1827,
2.	5		27 Dec. "	429.
3.	5		24 Feb. 1827.	{ Ibid. xii. 233.
4.	5		13 June, "	
5.	6		12 Sept. "	Ibid. xiii. 1828, 75.
6.	6		23 Feb. 1828.	Ibid. xiii. 1828, 418.
7.	6		16 Aug. "	{ Ibid. xx. 97.
8.	6		27 Dec. "	
9.	4 (?5)		18 July, 1829.	
10.	4		12 Sept. "	{ Ibid. xxiii. 73.
11.	4		28 Sept. "	
12.	7½		6 Mar. 1830.	