

SCIENCE

MR. DARWIN.

MR. W. F. AINSWORTH writes, regarding the papers read by Mr. Darwin before the Plinian Society, which we assigned to the author's sixteenth year:—

“I have the printed *Transactions* of the Plinian Society before me for 1826 and 1827, and I find that on the 27th of March, 1827, Mr. Darwin made a communication on the ova of the Flustra, in which he announced that he had discovered organs of motion; and secondly, that the small black body hitherto mistaken for the young *Fucus loricatus* is in reality the ovum of *Pontodella muricata*. On the 3rd of April following Mr. Darwin exhibited specimens of the *Pontodella muricata* with ova and young. Thus, in his first contribution to natural history, Mr. Darwin foreshadowed the eminence of his future career, but as he was born on February 12th, 1809, he was in his eighteenth year.

“As a member of the Plinian Society at the same period, Mr. Darwin and myself made frequent excursions on the shores of the Firth of Forth in pursuit of objects of natural history, sometimes to the coast of Fifeshire, and sometimes to the islands. On one occasion we went, accompanied by Dr. Greville, the botanist, to the Isle of May, and we were both exceedingly amused at the effect produced upon the eminent cryptogamist by the screeching of the kittiwakes and other waterfowl. He had actually to lie down on the greensward to enjoy his prolonged cachinnation. Another time we were benighted on Inch Keith, but found refuge in the lighthouse.

“Mr. Darwin also carried on his researches with Dr., afterwards Prof., Grant, and it was the same year (1827), I believe, the doctor first found silica in sponges, and now we have lived to see the Regadera of the Philippines—one exquisitely beautiful structure of silica.”

Dr. W. B. Carpenter writes:—

“Permit me to correct a mistake made by the writer of your otherwise excellent biographical notice of Darwin, as to the date of the first

publication of his 'Journal of Researches' in the Beagle; this having been 1839, not 1845 (as therein stated). A copy of the original edition bearing that date now lies before me; and I have also in my possession a set of extracts copied from it by my father, who was lost at sea on the 1st of May, 1840."

The following list of articles published in the periodicals of England and America by, or relating to, Mr. Darwin is extracted from the new edition now preparing of Mr. Poole's 'Index to Periodical Literature.' We have to thank Mr. Poole for his courtesy in allowing us to print it:—

- Darwin, Charles R. — (Asa Gray) *Nature*, 10. 79; same art. *Pop. Sci. Mo.* 5. 475. (Asa Gray) *Amer. Naturalist*, 8. 473. With portrait, *Appleton's Jour.* 3. 439. With portrait, *Once a Week*, 26. 250. With portrait, *Eclectic Mag.* 76. 757. *Penn Monthly*, 2. 469. *Pop. Sci. Mo.* 2. 497.
- and F. Galiani. — (E. Du Bois-Reymond) *Pop. Sci. Mo.* 14. 409.
- and Haeckel. — (T. H. Huxley) *Academy*, 7. 16; same art. *Pop. Sci. Mo.* 6. 592.
- answered. — *Penn Monthly*, 6. 368.
- before the French Academy. — *Nature*, 2. 298, 309.
- Climbing Plants. — (Asa Gray) *Nation*, 22. 12, 32.
- Critics on. — (T. H. Huxley) *Contemporary*, 18. 443.
- Descent of Man. — *Quarterly*, 131. 47; same art. *Liv. Age*, 111. 6; same art. *Eclectic Mag.* 77. 385, 605. *Westminster*, 98. 378. *All the Year Round*, 25. 445. *Edinburgh*, 134. 195. (P. H. Pye-Smith) *Nature*, 3. 442, 463. (J. H. Pepper) *Jour. Spec. Philos.* 10. 134. (B. G. Wilder) *Nation*, 12. 258. (A. Weld) *Month*, 15. 71. (J. Stephenson) *Putnam's Mag.* 5. 79. (E. Nisbet) *Bapt. Quar.* 7. 204. (C. Thomas) *Lutheran Quar.* 2. 213, 346. *Brownson's Review*, 22. 340. *Monthly Relig. Mag.* 45. 501. *Southern Rev. new ser.* 9. 733. *Old and New*, 3. 594.
- Expression of Emotions. — *Edinburgh*, 137. 472; same art. *Liv. Age*, 118. 3. (H. Holbeach) *St. Paul's*, 12. 190.
- Facts and Fancies of. — (D. Brewster) *Good Words*, 3. 3.
- Hypotheses of. — (G. H. Lewes) *Fortnightly*, 9. 353, 611; 10. 61, 492.
- Insectivorous Plants. — (A. W. Bennett) *Nature*, 12. 206, 228. (Asa Gray) *Nation*, 22. 12, 32.
- on his Travels. — (R. E. Thompson) *Penn Mo.* 2. 562.
- Origin of Species. — *Edinburgh*, 111. 487; same art. *Liv. Age*, 66. 3. (T. H. Huxley) *Macmillan*, 1. 142. *Macmillan*, 3. 81. *Quarterly*, 108. 225; same art. *Liv. Age*, 66. 515. *National Rev.* 10. 188. *Westminster*, 73. 541. (G. H. Lewes) *Fortnightly*, 9. 353, 611. (Asa Gray) *Am. Jour. Sci.* 79. 153; 80. 226. (Asa Gray) *Atlantic*, 6. 109, 229. *North Brit. Rev.* 32. 455; 46. 227. *Lond. Quarterly*, 14. 281. *British Quar.* 31. 398; same art. *Eclectic Mag.* 50. 331. *Eclectic Rev.* 111. 217. *Chambers's Journal*, 32. 388. (J. A. Lowell) *Christian Exam.* 68. 449. (W. C. Wilson) *Methodist Quar.* 21. 605. (B. G. Wilder) *Nation*, 12. 199. (J. Bascom) *Amer. Presbyt. Rev.* 20. 349. (E. J. Chapman) *Canadian Jour. new ser.* 5. 367. (W. Hincks) *Canad. Jour. new ser.* 8. 390.
- Philosophy of Language of. — (Max Müller) *Fraser*, 87. 525, 659; 88. 1.
- Darwinism. — *Dublin Rev.* 48. 50. *Eclectic Rev.* 117. 337. *Student and Intellect. Observer*, 1. 179. (W. M. Rice) *New Englander*, 26. 603. (L. T. Adams) *New Englander*, 33. 741. (J. B. Drury) *Scribner*, 10. 348. (F. Gardiner) *Bibliotheca Sacra*, 29. 240. (G. F. Wright) *Bibliotheca Sacra*, 33. 656. (W. H. Penning) *Tinsley*, 19. 515. (J. A. Lowell) *Christian Exam.* 68. 449. (L. J. Livermore) *Unitarian Rev.* 3. 237. (H. H. Furness) *Unitarian Rev.* 5. 291. (F. Smith) *Catholic World*, 17. 641. (J. Bayma) *Catholic World*, 26. 496. (G. Axford) *Old and New*, 6. 655. (G. M. Kellogg) *Old and New*, 8. 283. *Am. Church Rev.* 21. 525. (L. J. Sprague) *Atlantic*, 18. 415. *Southern Rev. new ser.* 12. 406.
- Agassiz and. — (John Fiske) *Pop. Sci. Mo.* 3. 692.
- and Christianity. — (E. O. Haven) *Lakeside Monthly*, 7. 302.
- — Man in. — *Am. Church Rev.* 24. 288.
- and Design, St. Clair on. — *Dublin Rev.* 75. 232.
- and Divinity. — *Fraser*, 85. 409; same art. *Pop. Sci. Mo.* 1. 188.
- and Language. — (W. D. Whitney) *North Amer. Rev.* 119. 61.
- — Schleicher on. — (Max Müller) *Nature*, 1. 256.
- and Morality. — (J. Watson) *Canadian Monthly*, 10. 319. (J. A. Allen) *Canadian Monthly*, 11. 490. (F. P. Cobbe) *Theol. Rev.* 8. 167.
- and National Life. — *Nature*, 1. 183.
- and Religion. — *Macmillan*, 24. 45; same art. *Eclectic Mag.* 77. 25; same art. *Liv. Age*, 109. 621.

THE ATHENÆUM

- Darwinism, Application of.—(E. Müller) Amer. Naturalist, 5. 271.
- Attitude of Working Naturalists towards.—(Asa Gray) Nation, 17. 258.
- Bateman on.—Dublin Rev, 83. 139. (John Fiske) Nation, 27. 367.
- Dangers of.—Pop. Sci. Mo. 15. 68.
- Deduction from.—(W. S. Jevons) Nature, 1. 231.
- Ethical Aspect of.—(J. Watson) Canad. Mo. 11. 638.
- Fiske on.—Nature, 20. 575.
- Gray's Darwiniana.—(H. W. Holland) Nation, 22. 368.
- Great Difficulty of.—Nature, 5. 63.
- Haeckel's Reply to Virchow.—(H. T. Finch) Nation, 28. 320.
- Historic Development of.—(G. W. Lamson) Baptist Quar. 11. 29.
- in Germany.—(C. L. Brace) North Amer. Rev. 110. 284. (C. Wright) Nation, 21. 168. Anthropol. Rev. 6. 21.
- Latest Attack on.—(A. R. Wallace) Nature, 6. 237.
- Mivart on.—Dublin Rev. 68. 482.
- Objections to.—(E. Nisbet) Bapt. Quar. 7. 69, 204.
- Ridiculous.—(W. Streissgeith) Lutheran Quar. 5. 404.
- Science against.—(J. Moore) Universalist Quar. 35. 186.
- Strictures on.—(H. H. Howorth) Anthropol. Jour. 2. 21; 3. 208; 4. 101.
- Studies in.—(J. F. Garrison) Amer. Church Rev. 27. 197.
- Theological Import of.—Christian Observer, 73. 623.
- True and the False in.—(E. von Hartmann) Jour. Spec. Philos. 11. 244, 392; 12. 138; 13. 139.
- versus Philosophy.—Southern Rev. new ser. 13. 263.
- What is?—(Asa Gray) Nation, 18. 348.