

25. White, p. 241-242.

26. Edward Hitchcock, The Religion of Geology and its Connected Sciences, 1851.

We are treating this book at considerable length because it is perhaps the most complete and well organized work of its kind produced in the mid-19th century.

27. More recent research has yielded much evidence that, though the fossils of very old strata are not at all comparable to those of recently formed layers, they and the others which immediately succeed them in any comprehensive stratigraphic column show many similarities and relationships. In other words, the fossils of the Cambrian and other early periods contrast greatly with those of recent geologic periods; but in between, the change or progression from one fossil group to another was less abrupt than earlier geologists believed. This evidence has accumulated mainly as paleontologists have studied and compared fossil assemblages of the same age or level throughout the world. Many of the large gaps in the geologic record in western Europe (where most of the pioneer work in geology was done) are more or less closed by sedimentary deposits in other areas which can be readily correlated into the European type sections.

28. See Appendix II for recent measurements of the downcutting rate of the Nile River through hard, igneous rock.

29. Peter Bayne, Life and Letters of Hugh Miller, 1871, v. I.

30. Gillispie, p. 172.

31. Hugh Miller, The Testimony of the Rocks, p. 158.

32. Ibid., p. 146-147, 154-156.

33. Ibid., p. 160-174, 195-196.

34. Ibid., p. 204.

35. Ibid., p. 214-217.

36. Gillispie, p. 174-176.

37. Miller, p. 177, 220-222. Compare 228-232.

38. William Thomson, editor, Aids to Faith, A Series of Theological essays, 1861. p. iii.

39. Ibid., p. 188-198.

40. Ibid., p. 199-234.

41. Ibid., p. 199-203.