Diatryma is to be regarded as a primitive Carinate form most nearly related to *Cariama* among existing birds, although it was probably only an early offshoot from the line of which *Cariama* is the sole survivor, and not intimately related to it. It had an enormous skull measuring seventeen inches in length consisting mainly of a hugh compressed beak. In this character it resembles the extinct *Phororhachos* of the South American Miocene but there the resemblance apparently stops.

Fossil birds as we know are extremely rare and the authors regard the discovery of the skeleton of *Diatryma* as a fifth landmark in the history of fossil ornithology, the earlier ones being the discoveries respectively of *Archæopteryx*, of the Jurassic; the Toothed Birds of the Cretaceous — *Hesperornis* and *Ichthyornis*; the Moas of New Zealand; and *Phororhachos* of the South American Miocene. *Diatryma* lived during the Lower Eocene near the beginning of the Age of Mammals and was a contemporary of the Four-toed Horse, *Eohippus*.

The corresponding bones of the complete skeleton seem to differ from those described by Cope as *Diatryma gigantea* as well as from Mr. Granger's specimens named *D. ajax* by Dr. Shufeldt, so it is described as a distinct species, *D. steini*, in honor of the discoverer. In their concluding pages the authors make some very pertinent remarks regarding fossil birds. They commend the revision of the fossil birds of North America and the figuring of the types, but call attention to the provisional nature of all the identifications, and the fragmentary and inadequate character of the material. "The identifications should not be changed but they should always be understood as comparisons and not as positive references." "They afford no ground for concluding that the antiquity of modern groups of birds is greater than that of modern groups of mammals. Nor, on the other hand, does it appear that they were notably less ancient."— W. S.

Dabbene on New Species of Geositta and Cinclodes.[1]— In this paper Mr. Dabbene states that his researches have enabled him to recognize no less than 30 species of these two genera of which seventeen are residents of Argentina. The following are described as new: *Geositta punensis* (p. 54), La Guiaca, Province of Jujuy; *G. rufipennis Burmeisteri* (p. 55), El Volcon, Province of Jujuy; *Cinclodes Oustaleti hornensis* (p. 58), and *C. antarcticus maculirostris* (p. 59), Isla Hermite, Cape Horn.— W. S.

Chapman on Santo Domingo Birds.[2]— In spite of the many explorations in Santo Domingo the avifauna, even at this late date, does not seem

[1] Especies y Subspecies Aparentemente Nuevas de Geositta y Cinclodes de la Republica Argentina y del Sur de Chile. Por Roberto Dabbene. Physis III, pp. 52–59. March 17, 1917.

[2] Descriptions of New Birds from Santo Domingo and Remarks on Others in the Brewster-Sanford Collection. By Frank M. Chapman. Bull. Amer. Mus. Nat. Hist., Vol. XXXVII, Art. XII, pp. 327–334. May 14, 1917.