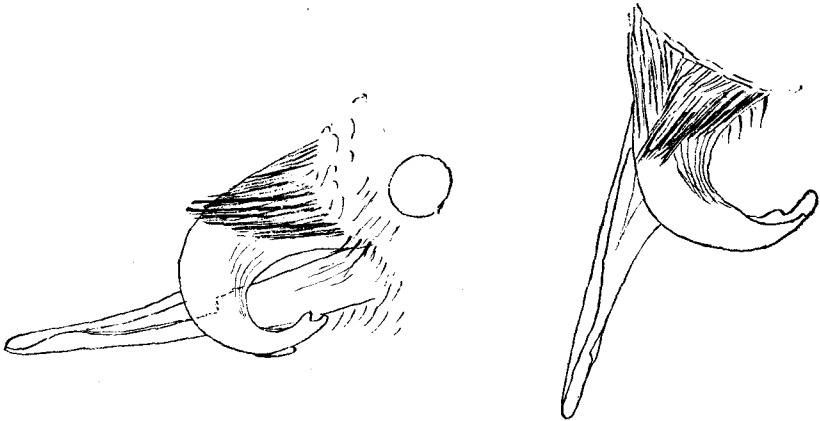


tomus vociferus, thus adding another species to the list of Colorado birds. At least it is not given in Professor Cooke's list, nor in Mrs. Bailey's 'Birds of the Western United States.' The specimen was in good plumage, but greatly emaciated, although I found no signs of its having been injured.—L. E. BURNETT, *Taxidermist and Collector, State Agricultural College, Fort Collins, Colorado.*

Another Abnormal Bill.—The character of the malformed bill submitted by Mr. B. S. Bowdish in the last number of 'The Auk' seems a common type in abnormalities of that kind. I have in my possession the head of a Crow (*Corvus americanus*) afflicted with the same kind of malformation. In this case, however, the upper mandible is bent completely down and around so as to point over the bird's shoulder. The lower mandible is not so greatly elongated as in Mr. Bowdish's specimen, however, but the notches he speaks of where the mandibles cross



MALFORMED BILL OF CROW (*Corvus americanus*). Nat. size.

are very deep. There is no sign of injury to account for the peculiar growth.

It raises an interesting conjecture in regard to the winter and early spring food supply of these birds. It was killed early in March near Port Huron, Mich., 1901, and was evidently starving to death when the shot gun put it out of misery. Its plumage, however, was in good shape, not quite as glossy perhaps as some, but it was quite evident that the bird did not suffer from lack of food at the time of its last moult. What food it could have lived upon during the winter is a subject for speculation. It was an impossibility to pick up anything from the ground with such a bill, and whatever its diet was during the winter, it could not be found in the more northern ranges in early spring.—P. A. TAVERNER, *Chicago, Ill.*