

stomachs were empty, but in a majority of the specimens, the *intestine*, including even the *duodenum*, was as well filled with food material as in a migrant warbler shot in the evening after feeding all day. This proves, at least for the species examined, that the birds do not make any special preparation for the migration flight in regard to the amount of food they carry. This is the rational supposition and is supported by the observed fact that birds are seen busily feeding on evenings which as shown by subsequent events are just prior to migration. The empty condition of the *stomachs* of birds killed in migration is easily explained by the rapidity with which the digestive process is usually accomplished in birds.— W. L. McATEE, *Washington, D. C.*

Hybridism between the Shoveller and Blue-winged Teal.—I have recently examined a very interesting hybrid, and the first I have heard of between these two species. Mr. James P. Catlin of Ottawa, Ill., in whose possession the duck is, writes me as follows: "It is an entirely new cross to me and was shot by the keeper of the Greenwing Gun Club on their preserve along the Illinois River at Bureau Junction, Ill., on April 3, 1905. He had a few decoys set out in a small opening in the flooded timber and this bird came in with a Blue-winged Teal hen. He killed the pair."

The specimen is a male about half way in size between the two species. The head shows the greenish reflections of the Shoveller, the spotted breast of the Teal, the chestnut abdomen, the speculum and under tail coverts of the Shoveller, and the upper wing-coverts of the Teal; the crescentic patch across the anterior portion of the head is normal for the Teal but not as pure white in color; the legs and feet have the bright yellow of the Teal. The bill is .65 in. longer than in a normal Teal, but is a miniature of that of the Shoveller in other ways.

Every specimen of hybrid duck which has come to my notice has been a male. The cross between the Mallard and Pintail is not uncommon; the last record was a specimen sent to me in the flesh by Mr. Charles M. Carter, shot at Bigelow, Mo., Feb. 25, 1905. Mr. Manly Hardy of Brewer, Me., has in his collection two examples of crosses between the Mallard and Dusky Duck, one favoring the plumage of the former, the other of the latter, one example each between the Gadwall and Widgeon, and the Blue-winged and Cinnamon Teal.— RUTHVEN DEANE, *Chicago, Ill.*