

Ionornis martinica in Arizona.—About October 20, 1887, a Chinaman caught a female Purple Gallinule in his vegetable garden on the Santa Cruz bottom opposite Tucson. He gave it to a Mexican boy from whom I purchased it ten days later. The bird was in good plumage, but its wings and tail were somewhat cage-worn. Length, 11.50 inches; extent, 21; wing, 6.80; tail, 2.72; tarsus, 2.25. This, so far as I can learn, is the first of its kind ever taken in Arizona.—HERBERT BROWN, Tucson, Arizona.

Habits of the Purple Gallinule (*Ionornis martinica*).—While spending the spring and summer of 1887 at Yemassee, S. C., I found the Purple Gallinule to be the most common and characteristic of the birds breeding there. The locality where I found them was an old rice plantation of about six or seven hundred acres. This abandoned rice plantation is used as a reservoir, or, in local parlance, a 'backwater.' It is kept filled with water, to flow the rice of adjoining fields, and is usually covered with water to the depth of three to four feet. The whole 'backwater' is overgrown with rushes, the broad-leaved pond lily (*Nymphaea odorata*) and the Nelumbium (*Cyamus flavicomus*). I found the Gallinules very common—there must have been at least five hundred pairs of birds. It was a very beautiful sight to see the graceful creatures walking over the large leaves of the pond lily, every now and then flirting their tails, or holding their wings over their heads, as they walked from one leaf to another. When flying, chasing one another, the legs are always hanging down, and the birds are cackling the whole time while engaged in this sport. They have several very peculiar call-notes, one which is very guttural, is to be heard incessantly. They are exceedingly tame—one can almost step on them before they take wing. If wounded they dive immediately, and remain under water for fully five minutes at a time, and it is folly to waste time in following them up, as they rise with only the point of the bill out of water. The soft parts in life are as follows:—Crown shield, azure blue, legs bright yellow, the tip of bill greenish yellow, and the middle of bill bright red.

The nests are commenced about May 5. They are built in rushes, invariably over water, and are made of half decayed rushes. The nest is substantially built, and well secured to the rushes which grow in the water. The birds have regular trodden paths leading to their nests, and, strange to say, there are always three or four nests in all stages of completion near each nest which contains eggs. The eggs are from four to nine, almost invariably six. They measure about 1.60 × 1.15 inches, and are pale cream color or yellowish, spotted with brown or purplish. They vary in size and markings; some of the eggs I collected are larger than typical specimens of the Florida Gallinule, and some as small as large specimens of the Virginia Rail. I never saw a Gallinule sitting—day or night, rain or shine—and I really believe the eggs are hatched by the decomposition of the materials which compose the nest. The young can