CIRCUS AERUGINOSUS.

Illustrated by H. B. Palmer, del. & sculp.

CIRCUS ÆRUGINOSUS.

Marsh-Harrier.

- Falco æruginosus*, Linn. Faun. Suec., p. 23.
—— *rufus*, Gmel. edit. Linn. Syst. Nat., tom. i. p. 266.
Circus æruginosus, Savig. Descr. de l'Égypte, Hist. Nat., tom. i. p. 90.
—— *rufus*, Savig. *ibid.*, p. 91.
Falco arundinaceus, Bechst.
—— *Krameri*, Kram.
Accipiter circus, Pall. Zoog. Ross.-Asiat., tom. i. p. 362.
Circus variegatus, Sykes, Proc. of Comm. of Sci. and Corr., 1832, p. 81.
—— *rufus*, var. *indicus*, Less. Compl. Buff., tom. vii. p. 155.
—— *Sykesi*, Less. *ibid.*, p. 161.
Buteo æruginosus, Flem. Hist. of Brit. Anim., p. 55.
Accipiter æruginosus, Koch, Syst. der Baier. Zool., p. 119.
Pygargus rufus, Kaup, Class. der Säugeth. und Vög., p. 113.
Buteo rufus, Jenyns, Man. Brit. Vert. Anim., p. 88.
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THAT the physical condition of a country determines the birds, reptiles, and insects which resort thereto, is evident to every naturalist; for he sees that the low fenny portions of our globe, its hills, and woodlands are frequented by forms peculiar to each. Harriers generally inhabit open wastes, moorlands, and flat sedgy districts; but the bird here represented, which is one of the largest members of the genus *Circus*, resorts more particularly to the great marshy depressions of the countries wherein it is destined to dwell. In Britain it was always more abundant in Suffolk, Cambridgeshire, Norfolk, Huntingdon, and Lincolnshire than elsewhere, those parts, in fact, which are opposite to the Low Countries (Belgium and Holland); but the draining process, which has converted our fens and rush-beds into fields of waving oats, has sadly interfered with its comforts by depriving it of its natural feeding-grounds; wherever such transformations have been effected, a death-blow to the Marsh-Harrier was the consequence. In Holland, however, there are districts in which the conditions favourable to its existence remain unchanged; and there it still dwells in comparative security, and readily obtains its usual food of reptiles, insects, small quadrupeds, fish, and young marsh-birds; there it still flaps over the tops of the reed-beds, or buoyantly flies up and down the open marsh in pursuit of its prey. How different are its actions from those of the fleet chase-giving Falcons, the lazy offal-feeding Kites, or the pouncing Hawks! The Rev. R. Lubbock, in his 'Observations on the Fauna of Norfolk,' published in 1845, says:—"the Marsh Harrier might, twenty years back, have been termed the Norfolk Hawk, so generally was it dispersed among the broads. Almost every pool of any extent had its pair of these birds; they consumed the day in beating round and round the reeds which skirted the water; this was done for hours incessantly. All the birds wounded by the sportsmen fell to his share. He was, as it were, the *genius loci*, the sovereign of the waste; but, although still often to be met with, he has, like all his congeners, receded before the gun of the gamekeeper; the curse of his race is upon him. I once kept one of these birds in confinement. It was full-grown when taken; its courage and ferocity were very great, perpetually endeavouring to attack those who went close to its mew. It killed a large land-rat, put into its cage uninjured, in an instant. Sir T. Browne represents it as occasionally carrying off the young of the otter to feed its nestlings with. I have found the nest amongst a bunch of reeds on Barton fen with two young. Mr. Gould first, I believe, noticed the grey tinge which old males of this species assume, somewhat similar to the colouring of the Hen-Harrier. This, I think, must occur only in very old specimens. I never remember having seen it but once in any specimen upon the wing; and formerly on the larger broads one or two were sure to be observed in the course of the day. At the time I thought the reflexion of the sun caused the bird to look greyish, but am inclined now to think that it was in the stage of plumage mentioned by Mr. Gould. In decoys this is a most troublesome bird, keeping the fowl in such continual restlessness that the decoy man can do nothing with them."

If we consult the various writers on British Birds (Yarrell, MacGillivray, Thompson, and Morris), or the local faunas that have been written of most of our counties, we shall find that the Marsh-Harrier has a place in the whole of them. In Cornwall, Mr. Rodd tells us, it is "rare throughout the whole county; a few specimens have been procured at the Land's-end, Boswharton Moor, and Lamorna; but the species appears to become more rare every year." Thompson states that it is found and is resident in all suitable localities in Ireland, and, as might be expected from the nature of the country, is of more frequent occurrence there than in Scotland, where MacGillivray informs us that it is very rare in the northern and middle divisions, but

appears to be more numerous in the southern counties; and according to Montagu it is the most common of the Falcon tribe about the sandy flats of Caernarvonshire, in Wales. Respecting its still breeding with us, Mr. Stevenson says that the localities selected for this purpose are almost entirely confined to Ramworth, Barton, Horsey, and Hickling, where the shriek of the railway-whistle has not yet scared them from their natural haunts. In the above districts a few pairs of the Marsh-Harrier, as I learn from the most reliable sources, remain throughout the year; and I feel justified, therefore, in still retaining the Moor-Buzzard, as this species is frequently termed, in the list of residents, whilst at the same time I believe that some migratory specimens occur at times. A nest with three young ones was taken near Yarmouth, in the summer of 1862. It is more or less numerous, according to the nature of the localities, in all the temperate parts of Europe. Lord Lilford tells us that it is "perhaps the most abundant of the Raptorial Birds in European Turkey and Greece. From two to a dozen were almost always to be seen in every marsh in Epirus, Acarnania, Albania, and Corfu. Very few remain there to breed, the main body making its appearance in the beginning of November and disappearing in March. I once counted twenty-six on the wing together near Butrinto." North Africa as well as Europe is included in the area of range of the Marsh-Harrier, as are also Egypt and all other countries thence to India, where, according to Mr. Jerdon, it "is very generally spread, frequenting banks of rivers, lakes, marshes, and inundated fields, or wet meadow land, occasionally hunting over grass or dry grain-fields. It feeds chiefly on frogs, fish, water-insects, rats, shrews, and various young or weakly birds. It not unfrequently carries off wounded snipe, and even teal, and often follows the sportsman." An old sporting friend assured Mr. Thompson that "he had often seen the Marsh-Harrier 'quarter' its ground like a setting dog, as the Hen-Harrier is well known to do, and that he considers its performance in this way equal to that of the latter species."

Much difference occurs in the colouring of the plumage of this species during the first few years of its existence; and several must elapse before it attains the perfect state represented in my first Plate; but it is evident that the bird breeds long before this state of plumage is acquired, since we seldom see a specimen thus attired in our islands. Mr. J. H. Gurney is, I believe, inclined to think that the chocolate-coloured birds represented with a snake, in the foreground of my second Plate, are old females; in that case very young males will most likely resemble the female. The bird sitting on its nest is probably a male that has not yet attained its fully adult garb; still this is a point in the history of the Marsh-Harrier that yet requires determination, but which can only be satisfactorily ascertained by observers in the countries where it is still plentiful.

"The eggs of the Marsh-Harrier," says Mr. Hewitson "are most commonly white, but sometimes spotted; and all those I have seen, upon the identity of which reliance could be placed, are considerably less than those of the common Buzzard. The bird almost always breeds on the ground, but will sometimes build in the fork of a large tree; in such a situation the nest would be formed of sticks and such-like materials. In the fen countries, its usual resort, the nest is composed of so large a quantity of flags, reeds, and sedges, as to raise it a foot, or a foot and a half above the ground. The eggs are usually four, sometimes, though not often, five in number; the time of incubation early in May.

In the adult male the head, cheeks, and nape of the neck are tawny yellow, tinged with rufous on the crown and ears, and streaked with dark brown; facial disk yellowish-white and brown; back, wing-coverts, and tertiaries dark reddish-brown, with lighter margins; primaries brownish black; secondaries and tail ash-grey; thighs, abdomen, and under tail-coverts deep rufous; bill bluish black; cere, irides, legs, and feet yellow; claws black.

During the first year the plumage is chocolate-brown, each feather tipped with lighter reddish brown, and the irides are of a darker colour than in the adult; crown, sides of the face, and throat, delicate buff; gape and sides of the bill and lores blue.

My Plates represent the Marsh-Harrier in the states of plumage above described, about two-thirds of the size of life. The snake is the *Coluber natrix* of Linnæus, the Common Snake of our island.

Gould, John. 1873. "Marsh-Harrier, *Circus æruginosus* [Pl. 24-25]." *The birds of Great Britain* 1, -. <https://doi.org/10.5962/p.323804>.

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