It is significant that this game cannot be played by the blind boys in windy weather. And yet the allowance for windage on

a heavy bowl can be no very large quantity.

The boys also play football with great zeal and considerable skill. Bells are rung at the goals throughout the game, and the ball contains two little bells. With these guides the boys manage both to follow the ball and to direct it to the goals. Clifton College, February 15

Migration of the Wagtail

THE inclosed extract from the New York Evening Post, a newspaper of high standing for accuracy and intelligence, contains statements which are not, I think, generally known in regard to the migration of the water-wagtail, and your insertion of the same may be the means of drawing from other correspondents some evidence in confirmation or disproof. Though riding is not quite unknown among animals other than men, yet such purposeful riding as is here described is, to say the least, very extraordinary.

E. W. CLAYPOLE very extraordinary. Antioch College, Yellow Springs, Ohio, Dec. 12, 1880

The Singular Methods of Travel the Wagtail adopts to Cross the Mediterranean Sea .- In the autumn of 1878 I spent several weeks on the Island of Crete. On several occasions the papas-village priest-a friendly Greek with whom I spent the greater part of my time-frequently directed my attention to the twittering and singing of small birds which he distinctly heard when a flock of sand-cranes passed by on their southward journey. I told my friend that I could not see any small birds, and suggested that the noise came from the wings of the large ones. This he denied, saying, "No, no! I know it is the chirping of small birds. They are on the backs of the cranes. I have seen them frequently fly up and alight again, and are always with them when they stop to rest and feed." I was still sceptical, for with the aid of a field-glass I failed to discover the "small birds" spoken of. I inquired of several others, and found the existence of these little feathered companions to be a matter of general belief among both old and young. I suggested that possibly the small birds might go out from the shore a short distance and come in with the cranes. "No, no," was the general answer, "they come over from Europe with them." I certainly heard the chirping and twittering of birds upon several different occasions, both inland and out upon the sea. But in spite of the positive statements of the natives I could not believe their theory until convinced one day while fishing about fifteen miles from the shore, when a flock of cranes passed quite near the yacht. The fishermen, hearing the "small birds," drew my attention to their chirping. Presently one cried out "There's one," but I failed to catch sight of it. Whereupon one of them discharged his flintcatch sight of it. Whereupon one of them discharged his flint-lock. Three small birds rose up from the flock and soon disappeared among the cranes.

I subsequently inquired of several scientific men, among whom were two ornithologists, as to the probability of such a state of affairs. They all agreed that it could not be, and I, too, was forced to cling to my original judgment, and let the matter go. Recently however while reading the Gartenlaube my attention was attracted to an article bearing directly upon the subject. The writer, Adolf Ebeling, tells the same story, and adds the statements of some ornithologists of distinction, which makes the whole matter so striking and interesting that I quote the

paragraph from his book:—
"Shortly after my arrival in Cairo I greeted various old German friends among the birds that I observed in the palm-garden of our hotel. First, naturally, was the sparrow, the impudent proletariat-I had almost said social democrat, because the whole world to-day has that bad word in the mouth. He appeared to me to be more shameless than ever in the land of the Pharaohs, for he flew without embarrassment on the breakfast table, and picked off the crumbs and bits from every unwatched place. But the mark of honour we paid to the wagtails, and in truth chiefly because we did not then know that the wagtails were birds of passage. We had thought that they passed the winter in Southern Europe, or at farthest as many of them do, in Sicily and the Grecian Islands. That they came to Africa, and especially to Nubia and Abyssinia, was then unknown to us. This appeared to us singularly strange, nay, almost incredible, particularly on account of the peculiar flight of the wagtail, which it is well known always darts intermittingly through the air in longer or shorter curves, and apparently, every few moments, interrupts its flight to sit again and 'wag its tail.' But there was the fact, and could not be denied. Everywhere in the gardens of Cairo you could see them under the palms that border the banks of the Nile; on the great avenues that lead to the pyramids; nay, even on the pyramids themselves in the middle of the desert.

And there it was that I first heard of this singular phenomenon. "One evening we were sitting at the foot of the pyramid of Cheops, sipping our cup of fragrant Mocha and in jolly conversation, rolling up clouds of blue smoke from our Korani cigarettes. We were waiting for the sinking of the sun to make our return to Cairo. The deep silence of the surrounding desert possessed something uncommonly solemn, only now and then distui bed by the cry of the hoarse fishhawks far above us. Still higher the pelicans were grandly circling. Their flight, though heavy when seen from anear, possesses a majesty in the distance attained by no other bird. Right before us several wagtails were hopping around and 'tilting.' They were quite tame, and flew restlessly hither and thither. On this occasion I remarked, 'I could not quite understand how these bird's could make the long passage of the Mediterranean.' Sheik Ibrahim heard this from our interpreter. The old Bedouin turned to me with a mixture of French and Arabic as follows, which the interpreter aided us to fully comprehend:—
"'Do you not know, Hadretch (noble sir), that these small

birds are borne over the sea by the larger ones?

"I laughed, as did our friends; for at first we thought we had misunderstood him; but no: the old man continued quite

naturally :-

"'Every child among us knows that. These little birds are much too weak to make the long sea journey with their own strength. This they know very well, and therefore wait for the storks and cranes and other large birds, and settle themselves upon their backs. In this way they allow themselves to be borne over the sea. The large birds submit to it willingly; for they like their little guests, who by their merry twitterings help

to kill the time on the long voyage."

"It appeared incredible to us. We called to a pair of brown Pedouin boys, pointed out the wagtails to them, and inquired:—

"'Do you know whence come these small birds?'
"'Certainly,' they answered. 'The Abu Saad (the stork) "'Certainly,' they answered.

carried them over the sea.

"At supper, in the Hôtel du Nil, I related the curious story to all present, but naturally enough found only unbelieving ears. "The only one who did not laugh was the Privy Councillor Heuglin, the famous African traveller, and, excepting Brehm,

the most celebrated ornithologist of our time for the birds of Africa. I turned to him after the meal, and inquired of his Africa. I turned to him after the meal, and inquired of his faith. The good royal councillor smiled in his caustic way, and with a merry twinkle remarked: 'Let the others laugh: they know nothing about it. I do not laugh, for the thing is known to me. I should have recently made mention of it in my work if I had had any strong personal proof to justify it. We must be much more careful in such things than a mere story-teller or novel-writer; we must have a proof for everything. I consider the case probable, but as yet cannot give any warrant for it.'
"My discovery, if I may so call it, I had kept to myself, even

after Heuglin had thus expressed himself, and would even now maintain silence on the subject had I not recently discovered a new authority for it."

I read lately in the second edition of Petermann's great book

of travels the following :-

"Prof. Roth of Munich related to me in Jerusalem that the well-known Swedish traveller, Hedenborg, made the following interesting observation on the Island of Rhodes, where he stopped. In the autumn tide, when the storks come in flocks over the sea to Rhodes, he often heard the songs of birds without being able to discover them. Once he followed a flock of storks, and as they lighted he saw small birds fly up from their backs, which in this manner had been borne over the sea. distance prevented him from observing to which species of

singing birds they belonged."
Thus wrote the famous geographer Petermann. Prof. Roth and Hedenborg and Heuglin are entirely reliable authors. This was a matter of great curiosity to me, and after I found others had made similar observations and expressed them in print, I thought they would be of no less curiosity and interest on this side of the Atlantic, and equally deserving of public notice. hope that connoisseurs, amateurs, and experts may be excited by this to extend their observation in this line also. The instinct of animals is still, in spite of all our observations and experience,