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(Concluded next number

FERNDALE SCHOOL.

No. XXIII. Birds of the At antic Provinces and their Feet.

T. Well, what was to be our lesson to-day?

S. You premised to tell us how many kinds of birds were to be found in Nova Scotia, New Brunswick and Prince Edward Island; so that when we see a bird we may know to what kind it belongs.

ANOTHER S. And so that we may know how many of them we know and how many we don't know.

T. Well, I will try to. I will give you the fifteen orders of birds I referred to the other day-not the big, Latin names, only easy English names; but we will follow the plan of the American Ornithologists' Union strictly.

S. What is the American Ornithologists' Union?

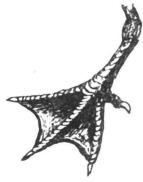
T. It is a society formed of people who know most, study most and write most about our birds; and when these people agree to change the old way of classifying birds, we have good reason to think their way is the best.

S. Does order mean a family of birds?

T. Not altogether. An order includes several families.

Now the first tire orders of our birds are swimmers. And as the feet are used in swimming, I shall call your attention to the principal different kinds of birds' feet, at the same time.

In the 1st, 2nd, 3rd and 5th orders the palmate foot of these two kinds are very common. There is a membrane stretchell from toe to toe which is called a web, and then the foot looks like the palm of the hand. Hence the word.



PALMATE FIAT

It will be noticed that in palmate feet the webs are attached to the toes up to the nails. In the second, not figured here, the web is deeply cleft. In a third kind, not figured here, the web is cleft up to the angle of the toes, leaving flaps or loles of the web attached to the sides of the toes, forming what is called a lobate foot. These webs aid the birds in swimming.

Here, then, I write a table of the orders on the blackboard, giving the number of species which have at one time or other been found in the Atlantic provinces.

Order L.—Diving Swimmers (fourteen species).

It includes three grebes, two loons, three puffins, one guillemot, two murres, two auks and one dovekie.