

Whip-poor-will (*Antrostomus vociferous vociferous*) An animated insect trap. Night moths, May and other leaf eating beetles, hairy caterpillars such as the tent and tussock caterpillars, spunworms, grasshoppers and ants are all taken with avidity.

Barn Swallow (*Hirundo erythrogastra*) May 1 and 24. Destroys cattle flies, the moths of smaller cutworms, Arctians and Crambids, etc.

Cliff or Eaves Swallow (*Petrochelidon lunifrons lunifrons*) Habits similar to the Barn Swallow. Large numbers of these useful birds nested under the eaves of the fire station at the head of the Call Wharf, Newcastle.

Purple Martin (*Progne subis subis*) Apr. 25 and May 26 Feeds almost entirely on winged insects as the Rose, May and striped cucumber beetles, as well as house flies and flies troubling cows and horses and many small moths. Mr. Otto Widmann, in "Forest and Stream" states that 32 parent Martins made 3275 visits to their young in one day.

Trusting that the above information has been sufficiently illuminating to interest my readers let me refer to what has been done in a few countries where bird encouragement is not an innovation but a science.

Baron Von Berlepsch on his estates at Seelbach, Germany, has for many years encouraged birds in his woodlands, having more than 2,000 nest boxes placed and nearly all occupied. As a result when the Hainich wood, south of Eisenach, covering several square miles was stripped nearly bare in the spring of 1905 by caterpillars of the Oak Leaf-roller moth (*Tortrix viridiana*) the woods of the Baron stood out amid the general forest as green oasis; and the signs of the pest began to show a quarter of a mile from the borders of his estate showing how far the birds travelled for food. As a testimony of the economic value of the Berlepsch nest box the Government and Communal woods of the Grand Duchy of Hesse were provided with 9,300 of these boxes. Eighty-five per cent. of these boxes were inhabited the first year; and all since then.