For the Boys and Girls

THE USEFUL TAIL

BY JULIA WOLFE.

An animal's tail is a very useful part of its body. Most of you won't doubt this if you have ever watched the horses swish flies on a warm summer's day. Many animals make still better use of their tails than does the horse. We find the tail serving as a shelter, garment, carrier or tool. It may be used as an anchor or support; or it may indicate like or dislike, as in the wag of the dog's tail.

The tail of the South African ant-eater resembles a bush. He can spread it over his body like an enormous umbrella. Since it is his business to be abroad at all hours, pushing his way through the dripping brush and low shrubs of the jungles, this tail umbrella is of great service to the ant-eater in protecting him from the moisture.

The long tail feather of the East Indian pheasants form a penthouse with sloping roof, beneath which the chicks huddle, warm and dry, during showers. Here the tail is a nursery. The same, of course, is true with our mother hens when they protect their little chicks.

No boy or girl who has ever observed a squirrel hurried up on a cold day with the tail pressed close along its back, or a raccoon, fox or cat sitting with its feet wrapped in the furry "boa" of its tail, can doubt that this is the putting on of an overcoat. Only warm-furred animals have bushy tails, and all these sleep curled up, with the tail acting as a blanket. These animals with heavy furs and bushy tails do not have to huddle so closely together in order to keep warm, as do many of the more thinly covered ones.

Some animals breathe through the tail—that is, they bring their nose and tail together, breathing air which has been warmed by passing through the fur. In frigid climates air warmed in this way is more suitable for the creatures' health. We therefore can say that the tail serves as respirator.

The opossum uses its rat-like wiry tail to grasp limbs and to help in climbing trees. When the young opossums are large enough to go out with their mother, soon after they are born, she tries to carry them through the tree tops. She struggles to climb about the branches as she is accustomed to do, but she often finds the tail of no use, for eight or ten squeaking opossums are digging their sharp toes into her fur and clinging with their own little tails tightly twisted around her tail, which is curved over her back, forming a hand-rail for the youngsters.

You have all seen animals fish with their tails in the comic sections of Sunday newspapers. This made you laugh. But there really are some tail-fishing animals. The bat of Trinidad fishes in this way. It hangs its tail in the water and, as soon as the fish bites, throws it out and grabs it.

A similar trick is used by the puma on the Patagonian pampas, which lies flat down when it sees a herd of guanacos (another trip to the dictionary) grazing toward him. As it lies down it wiggles its black tail up in the air and some of the guanacos are attracted by this, and then the puma cat jumps quickly at the herd.

Beauty at Our Feet.

The most attractive in the world are the graces of lingering, not ever her on the [illegible] time for grassy [illegible] Among [illegible] known who [illegible] deeply [illegible] of bloom [illegible] going [illegible] With [illegible] stick [illegible] he rammed the [illegible] merchan- [illegible] those [illegible] [illegible] [illegible]