panied our Indians upon a fishing expedition. Salmon are taken in vast quantities, principally with the seine. The country we were now in abounded with aquatic and land birds, such as swans, will geese, brant, ducks of almost every description, pelicans, herons, gulls, snipes, curlews, engles, vultures, crows, ravens, magpies, woodpeckers, pigeons, partridges, pheasants, and grouse, and a great variety of what Tiburina calls -" the finches of the grove." The principal quadrupeds that had been seen by the Indians description will inform readers sufficiently. The were the stag, fallow-deer, hart, black and grizzly; bear, antelope, ahsahta or bighorn, beaver, otter, musk-rat, fox, wolf, panther, the latter extremely rare. The only domestic animals were horses cathalution from vegetable barks forms their entire and dogs. According to the settler's account, subsistence. \* \* The Antennæ are bristle the grizzly bear is the only really formidable shaped, standing between the cyes and the rosquadruped. He is the favourite theme of the hunters of the far west, who describe him as equal in size to a common cow, and of prodigious strength. He makes battle, if assailed, - and often, if pressed by hunger, is the assailant. If wounded, he becomes furious, and will pursue the hunter. His speed exceeds that of a man, but is inserior to that of a horse. In attacking, he rears | barks. himself on his hind legs, and springs the length! of his body. within the sweep of his terrific claws, which are sometimes eight inches in length. At the period all this it is evident that the insect is altogether I am treating of, the grizzly bear had (like some harmless to vegetation. of the broken tribes of the prairies) gradually fallen back before his enemies, and was only to be the following remarks:found in the upland regions, in rugged fastnesses like those of the Black Hills and the Rocky Mountains. Here he lurks in caverns, or holes which he has digged in the sides of hills, or under the trunks and roots of fallen trees. Like the common bear, he is fond of fruits, and masts, and roots, the latter of which he will dig up with his fore claws. He will attack and conquer the lordly buffalo.

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## THE AMERICAN LOCUST.

of time elapsing between their successive flights,) pursuit. and the profound obscurity of their abodes in the interim; this seemed to put an air of mystery

that the term "locust" does not strictly apply to the insect, as it possesses some properties only in common with the locust of the East, together with some that belong to the grasshopper, and others, which are the most interesting in the ecomy of the animal, which are peculiar to itself. The insect here noticed, is strictly a native of America; it swarms once in seventeen years, and the successive swarms always migrate to the same places. Of their food the following brief but clear author says--" They seek nourishment that is always present and ready prepared for the instruments through which they are to receive it. The trum or beak which furnishes the avenue through which the nourishment is conveyed. It is in this sense only that the locust can be said to have a There are three exquisitely fine hairs mouth. appended to the extreme points, by which, thro' highly magnifying power, we see them distinctly feeding on the dewy exhalation of vegetable \* \* \* The exquisite tenuity of the exhalation from these is such, that the imagina-Woe to horse or rider that come tion can scarcely paint, and never could dream of v...nout the finest (magnifying) glasses." From

Dr. Potter closes his interesting pamphlet with

"We must devote a few words to popular credulity, which has circulated so many marvellous and idle tales of the venomous character of this poor, defenceless insect. The very organism of the locust refutes them all. It has no jaws, teeth, sting, or any other instrument by which it can injure or annoy the most diminutive insect-no weapon, offensive or defensive. It cannot defend itself against an ant or a fly."--N. Y. Albion.

CUNNING OF BIRDS.—When the swallows and A remarkably interesting pamphlet has been other small birds are congregated for their annual recently published in Baltimore by Dr. Nathaniel emigration, the instant a hawk makes its appear-Potter, on the subject of the Locust, that object ance they troop after him, apparently exposing of popular dread, but which, as it appears, is one themselves to unnecessary danger,—but, in reali-of the least noxious of living creatures. It is to be regretted that the subject is treated so briefly, their enemy by their numbers; their perpetual because the Locust has been a problem to natu- changes of direction, and their uniform endearalists which they have never been able to solve vours to rise above him, prove this to be the case. satisfactorily, with all the pains which they have Indeed, he is usually in such cases completely yet been able to bestow upon it. The main diffi-out-manœuvred and baffled, being unable to fix culty, hitherto, in investigating the nature and upon a single victim, and after exerting all his habits of these insects, has arisen from the length address, he is often compelled to relinquish the

Birds have amazing power of musical expresover them, and when this was added to the name sion—as the lark, the canary bird, the nightinof "locust," the idea was quickly taken up that gale, and the American mocking bird or thrush. they were pestilential prognostics as well as posi- The pewit or lapwing of England yields musical tive evils. Circumstances have enabled Dr. Pot-tones, through the percussion of the air by its ter to make important observations, and he finds wings in flight, and when it stoops near the