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The spiders belong to the great family of "Articulata," and in the group are called "Arachnida." I do not know how long ago this name was given to the spiders, but it seems to have come from Grecian mythology. Arachne, it is said, was a Grecian lady in the long ago marvellously skilled in spinning. So proud was she of her art that she aspired to compete with the goddess Minerva; but her presumption was punished by her being transformed into a spider. But though so humili-ated, she yet retained her skill, and wove webs of wondrous beauty; and so it comes to pass that the spider family are known to naturalists as the Arachnida, or children of Arachne."

Now if our young readers happen to be so far advanced in their studies in Natural History as to be interested in the classification of the Arachnida, we will briefly say that Linnæus and older na-turalists used to call the spider an "insect." But since Lamarck they have been separated into a distinct class. They have articuated skeleton ; usually eight legs, consisting of seven joints ; they have from two to seven eyes—fix-ed, not movable, but placed in different parts of the head in the different species to accommodate heir varied habits. They have falces," or mandibles, to seize their prey, and maxillæ, or what might be called a mouth, to squeeze and eat them.

Now we have done the scientific. Let us study one or two species of the spider. But before we do that I would like to tell you about the "web." fic.

Most of the Arachnida live by atching insects in nets which they weave in bushes, on fences, in outhouses, and not infrequentin our homes.

This web is a wonder of lightss, elasticity, and strength. It s the strongest material of its size mown. It comes from the spineret, located in the rear of the

strength.

the wind blow it out length-wise, varieties of the Arachinda that coars it with give to matching an aperture in hope it would find lodgment on the shore. After having tried interesting specimens of the fam-ity with the bottom for a door. It is as yet filled with water. He now this method of escape in vain, find-ing the wind not strong enough to aid him, he resorted to another ingenious experiment. Climbing to the top of the pole, he com-menced to make a silken balloon; when made, he attached it to the content with a strand continues than upon the west for the strand to the top of the pole, he com-menced to make a silken balloon; to the top of the pole, he com-menced is a silken balloon; the west for the strand continues there upon the strand to the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to make a silken balloon; the top of the pole, he com-menced to top of the pole, he com-menced top of the pol ole with a strand, got into it, and wonderful ?

We sometimes call the nets the spiders weave in our houses cobspiders weave in our houses cob-webs. This comes from the Dutch word for spider, " coppe." Good housekeepers don't like to acknowledge having seen them in the corners of their rooms, but the same silken lining and hinges of the same material, so Spider, " Dolomedes fimbriatus."

the wind blow it out length-wise, varieties of the Arachnida that coats it with glue to make

captures them upon the ground. does this, until he has an airfinding it too small, constructed a His home is a marvel of skill. He castle in which he can breathe larger one. Then seemingly digs a perpendicular hole in the and rear his family, the open satisfied he cut the guy-rope and earth where there is a slope, so door beneath keeping the air sailed away to land. Is not that that water may not interfere with pure. This home of our veritable

him. regal tapestry. He constructs a low gets his food from insects



strength. This apparatus and in-strength. This apparatus and in-to be a sign of untidiness. he emerges at night to search for strength to search for long ago, long before men thought of twisting together many strands sketching a spider-web over the of wire to make a strong and aperture of the collection-box; feet, and passing in, the door closs of untidiness. The strong and aperture of the collection-box; feet, and passing in, the door closs of units door the strate of the water, and his presents neglected charity by him. Having secured his food, strong sary that he may be able to pro-vide for his sustenance. These wates are also and one of our modarn meets in just constructed the strate of There is another lesson. All the secretaries of the contection bots, in classic, and yield to the strain of describing the peace that has the wind or the spider's weight. The strands are also covered with a viscid humor or paste, that not cannon's mouth; and among the spider's weight. a viscid humor or paste, that not cannon's mouth; and among the always found in the water, their Creator intended them to do. and yet is an air-breathing insect. I would rif we are always found and yet is an air-breathing insect. I would rif we are always found using our faculties and powers fastens the prey to the meshes. In which as pointer quickly wore a the porpoise and seal, though just in those directions in which they can remain under water for the weisely intended to be agood while, yet are forced to employed?—Illustrated Christian the surface every few minutes; weekly.

catch its prey, but sometimes his lifeeing David could not have en-spinnerets alford him the means tered it for refuge. but this little fellow can live for to escape from danger. Seth We have in the illustration the Green, the fish-raiser, tells us of webs of the common spiders an observation of his. He placed with some poor victims of their a pole in the middle of a little snares vainly endeavoring to ex-pond, and put a spider on it. It tricate themselves. We would

first spun a long thread, and let like to describe in brief three between some water-plants; he

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He then lines it with a silk- water nymph resembles a globule

acknowledge having seen them there is the same material, so Spider, "Dolomedes fimbriatus." This spider subsists upon the insects that skim upon the surface of ponds and streams; and while

his feet are so constructed that he can run very swiftly for a short distance upon the water, he cannot entirely live upon it, so he constructs a raft of leaves, lashing them together with the silken cords that his spinneret affords, and pushing out from shore, is drifted by the winds or currents. to where his prey is disporting it-The dead leaves conceal the spider, the insects imagining no danger, when suddenly the fierce and hungry little fellow leaves his rait and gives chase; returning with his prey, he leisurely Jevours it. Oh, how wonderful is all this! It seems more like reason than instinct. It. is as if, seeing that leaves fallen from the bushes and trees and floated out by the wind and currents do not frighten the insects that sport upon the water, he uses one, as the sportsmen do our sink-boats when we would approach a flock of ducks. But we must not fail to notice how the Creator makes every faculty and function of his creatures in harmonious adaptation to the end of abdomen of the animal, and is composed of thousands of distinct hreads blended into one. This as a spider can weave one blending accounts for its great trength. This apparatus and in-to be a sign of untidines back to its place. From this door the surface of the water, and his