## TWILIGHT-LAND:

Here we aro in twilight-land:
Creakety-creak,
Rocking-chairs at every hand
Sway and swing and squenk;
Bare are the littlo twinkline feet
Bare are the littlo twinkling. fect
White are the gowns and locse
No place hero for ball or bat,
No place hero for ball or bat,
No need now for coät or hat,
Nono for stockings or shoes.
What are the storics of twilight-land i Hark, ah, hark!
Call the sweet names where they stand, Waiting in the dark.
Cinderclla, and little Bo Peep,
Who lost her sheep, her pretty sheep, Jack Horner, bold boy Blue, And the three bears living in the wood, And the wolf that ate Red Riding Hood, And the spinning pussy too.

The little childron in twilight-Iand Are still as mice,
And the storyteller must understand She's to tell ench story twice.
The erickets chirp, the stars' eyes wink; Perhaps the man in tho moon may think Them saucy in their play;
But, whatover is herrd or said or done Each slcopy, weary little ono
Gets rested for next day.
For the pillow is white in twilight-land, And white the bed
And the tender loving mother's hand
Is laid on the drowsiest hend.
And list, the tune she hums and sings,
As with soft erenk the rocker swings, How far away it seems!
That tune-that lulaby-ah, me!-
'lhoy are lenving twilight land you se For the stiller land of droums.
-Clara Doty Bates, in Youth's Companion

## STAR-FISH.

## BY SARAF COOPER.

Those of you who go to the sea-stiore in summer have porhaps discovered that starfish like rocky consts the best. They we found most abundantly where the crevices between the stones afford grood hidingplaces for themselves and for the animals upon which they feed. They do not thrive upon muddy or sandy bottoms, and boys and girls hunting for curiosities upon such beaches ine often disappointed to find no star-fish.

They spend most of their time creeping over the rocks, though they love to be where the tide will ripple over their bodies ind keep them woll supplied with seiz
water, which they depend upon for their lives.
Our dried specimens are yellow, but when alive, star-fish are of a dull red color, sometimes tinged with purple. They seem plump and fat on being taken from the occan, but they are only pafied up, with water' and if you watel 'them closely you will see the water oozing out all over the back. No doubt you havo learned how tedious and discouraging it is to attempt to dry star-fish. The best way is to put them first in fresh-water, which kills them at once; then leave them for an hour or two in nlcohol to harden the tissues before placing them in the sun or in a warm oven to dry.

Our common star-fish inds five hollow rins or arms, extending from the centre like a star. If any of these anys are broken off, others grow in their places. It is a singular fact that these animils can break themselves to pieces, or throw
rays, when they become alimmed.
Star-fish glide along smoothly, and without rppurent effort. They bend their bodies into various shapes to fit the inequalities of the surface over which they creep, and in order to do this they reauire a movable skeleton. See how beatifully nature has provided for this necessity by forming the skeleton of thin limestone plates, so joined as to admit of slight motion. These plates
are represented in Fig. 1, which is the wre represented in Fig. 1, which is the
under side of a ray, and tho end having under side of a ray, and tho end having
beon broken off, we can seo the two hollow tubes which it contains.
Look now at the upper side of your starfish, Fig. 3, and notico the knobs and short spines with which it is covered. Between these spines ire tiny forks, with two prongs that are constantly smapping. The use of the forks is not perfectly understood; they sometimes catch small prey, and they may also be useful in removing particles of
matter that would choke up the pores
which open on the surface. The round around the mouth, and took the eggs away. spot near the middle of the bick and between two of the rays is called the "madreporic body," and is an interesting object. It is a sievo, admitting water into tubes which run to the end of each ray. During life tlie madreporic body is bright-colored, and it strains all the water that enters the tubes, so there is no danger of their becoming choked.

Now if we turn our star-fish over we shall find its mouth on the under side. This is an important organ, for the starfish busy themselves continually with eat-


Fig. 1.-Under Sido of Ray.
ing. They aro especially fond of live oysters and clams, and they have the oddest way of eating them. They turn their stomachs right out into the oyster. shell, surrounding the soft body of the oyster, and sucking it up. When the star-fish feeds it not only bends its rays into a cup shape to hold on to its prey, but multitudes of tiny suckers spring up to help,
and tho prey finds escape impossible. and tho. prey finds escape impossible. Oysters are generally so quick to close their sholls in time of danger that we cannot understind why they should allow the

After a time he placed the eggs brek in the
dish, and was surprised to see the star-fish move toward them, and placing itself over them, fold them again in its suckers. Thinking this must be accidental, he took the eggs again, and putting the star-fish in a larger dish, with some obstacle in the middle, he dropped the eggs in the opposite end of the dish. - The star-fish, creeping over the obstacle, went immediately to the eggs and took possession. The experiment was tried the third time, and, as before, the mother lost no time in gathering up the eggs and snugly tucking them awny under her suckers.
The star-fish's fondness for fresh oysters is a serious matter to the oyster-grower, his valuable property. It is equantities of the damage every year to the oyster beds between Staten Island and Cape Cod anounts to $\$ 100,000$. Large numbors of
star-fish sometimes appear suddenly and unoxpectedly upon shores whero oysters are raised. They seem to be washed in from the deep sea, and settling upon the oysters, they begin their work of destruction, and consume many bushels in a short time. These attacks occur chiefly in the latter part of summer or early in the fall, and are much dreaded by the owners of oyster beds.
An account is given of an oysterman on the Massachusatts coast who, after a few rainy days, discovered that the star-fish
able, hospitable dispositions. They never wrangle or fight among each other. Gosis is unknown
They are faithful husbands and fond fathers. They form singularly strong friendships together. Theso ties, formed in boyhood, continue through lifo. A man will sacrifce his property, his labor; oven his life, for his friend.
In another place, he asserts thint they have so profound areverence for the Creator that they never untertake the least enterprise without asking his aid. They haye, also, a deep respect for their own integrity, and never in their history have been known to break a treaty mado with a weaker people.
Mothers teach their dxughters tho duties which will make them good wives and household managers. The politicians among them work against each other without wrangling, abuse of character, or open insults.
The most prominent trait of this people is, according to this writer, their respect for tho aged. Children are taught from their birth not only that the old must be treated with reverence and affection, but that they must share in all amusements. Their conversation is sought for, their advice is asked ; they are never contradicted. He mentions one case, in which some of these Americans were lost in a forest under the guidance of an old man. After wandering ill day it was discovered that a lad in the party knew a path out of the wilderness, but had kept silent, following the others deeper into the swamps, because "interference on his part would have been disrespectful to the arged guide.
Cur credulity says the Youths' Companion refuses to credit this story of any modern boy, in the United States.

It is true, however, for the book was written by a careful, impartial observer, John Heckewelder, a hundred years ago ; but it was not of white Americans that he wrote, but of the Delinware Indians.
How many of these traits of character belonging to the "savages" whom we have exterminated can we boast of to-day?

## ON PIKE'S PEAK.

The officer in charge of the United States Signal Service Station on the top of Pike's Peak passes his days in a low, flat building made of stone, and anchored and bolted to the granite boulders. During the winter he has no connection whatever with the rest of the world. No human being can ascend to his station, and it is almost impossible for him to go down. Lee Meriwether, who ascended the snow-covered mountain one July day, says that the signal officer's face wears that care-worn, depressed expression which comes from unbroken solitude.
"You don't often see snow in July?" he said, after I had thawed out before a blazing fire.
"Not
" ${ }^{\text {N" }} \mathrm{Y}$
Yes, two or three times a week. Snow is my only water supply. That boiler there," pointing to the stove, "is full of melting snow. Even in the heat of sum mer there is always enough snow at my door to furnish all the water needed."

Does not life become weary and desolate here, so far from the world ?

So much so that I sometimes fear it will drive mo crazy. My official duties are light ; they require only an nccasional inspection of the instruments. Tho rest of the time I have nothing to do but read.
Too muchreading becomes wearisome. Sometimes I stand at the window with my telescope. The wind : without is keen and cutting is a knife.
I- oain see the houses of Colorado Springs," he coitinued, "twenty miles away; see the visitors sitting in their shirt sleeves, sipping iced drinks to keep cool, and the ladies wilking in white sunmer robes. Then I lower the glass; tho summer scene is gone. "Green trees and animal life, men and women; fade away like creatures in a dream, and I am the only living thing in a world of eternal ice and snow and silence.

Satan, the great accuser, doth not only accuse the brethren unto God, but doth also accuse God unto the brethren.

