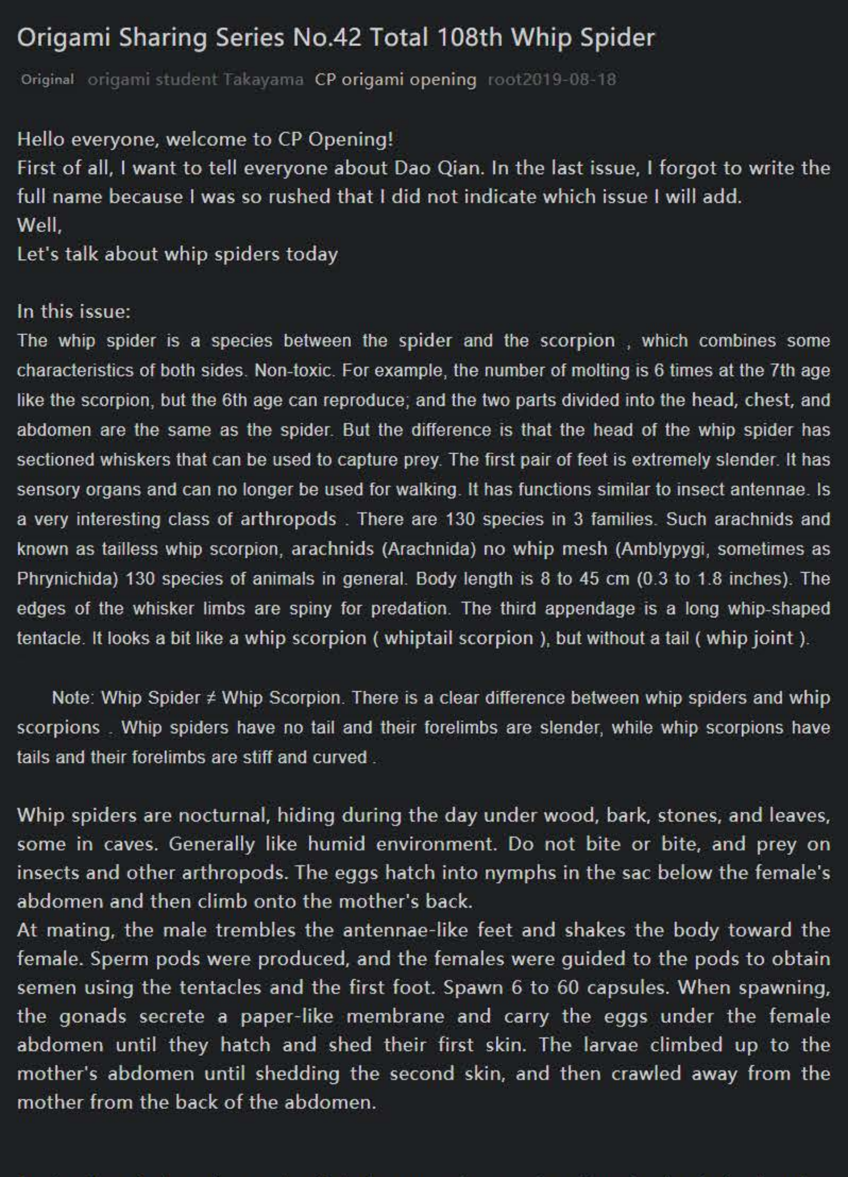


Origami Sharing Series No.42 Total 108th Whip Spider

Original origami student Takayama CP origami opening root2019-08-18

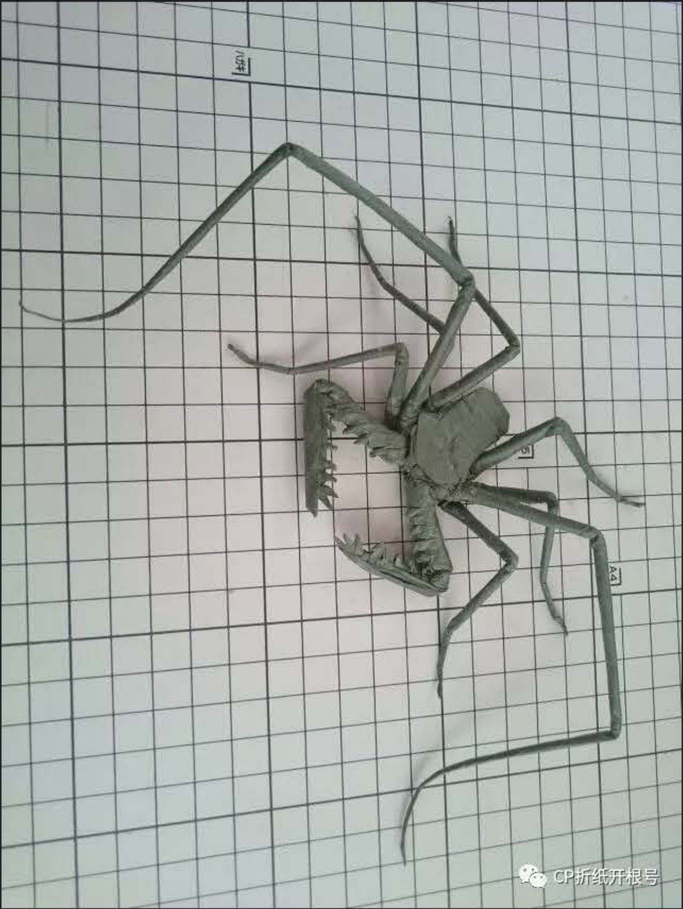
Hello everyone, welcome to CP Opening!
First of all, I want to tell everyone about Dao Qian. In the last issue, I forgot to write the full name because I was so rushed that I did not indicate which issue I will add.
Well,
Let's talk about whip spiders today

In this issue:
The whip spider is a species between the spider and the scorpion , which combines some characteristics of both sides. Non-toxic. For example, the number of molting is 6 times at the 7th age like the scorpion, but the 6th age can reproduce; and the two parts divided into the head, chest, and abdomen are the same as the spider. But the difference is that the head of the whip spider has sectioned whiskers that can be used to capture prey. The first pair of feet is extremely slender. It has sensory organs and can no longer be used for walking. It has functions similar to insect antennae. Is a very interesting class of arthropods . There are 130 species in 3 families. Such arachnids and known as tailless whip scorpion, arachnids (Arachnida) no whip mesh (Amblypygi, sometimes as Phrynichida) 130 species of animals in general. Body length is 8 to 45 cm (0.3 to 1.8 inches). The edges of the whisker limbs are spiny for predation. The third appendage is a long whip-shaped tentacle. It looks a bit like a whip scorpion (whiptail scorpion), but without a tail (whip joint).

Note: Whip Spider ≠ Whip Scorpion. There is a clear difference between whip spiders and whip scorpions . Whip spiders have no tail and their forelimbs are slender, while whip scorpions have tails and their forelimbs are stiff and curved .

Whip spiders are nocturnal, hiding during the day under wood, bark, stones, and leaves, some in caves. Generally like humid environment. Do not bite or bite, and prey on insects and other arthropods. The eggs hatch into nymphs in the sac below the female's abdomen and then climb onto the mother's back.
At mating, the male trembles the antennae-like feet and shakes the body toward the female. Sperm pods were produced, and the females were guided to the pods to obtain semen using the tentacles and the first foot. Spawn 6 to 60 capsules. When spawning, the gonads secrete a paper-like membrane and carry the eggs under the female abdomen until they hatch and shed their first skin. The larvae climbed up to the mother's abdomen until shedding the second skin, and then crawled away from the mother from the back of the abdomen.

Let 's take a look at the works of the Japanese insect origami genius Imai who is going to talk about today!



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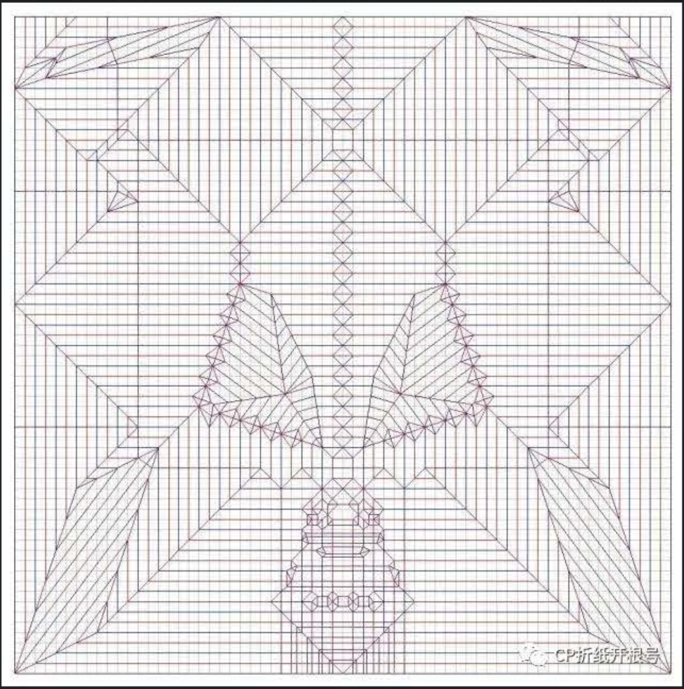

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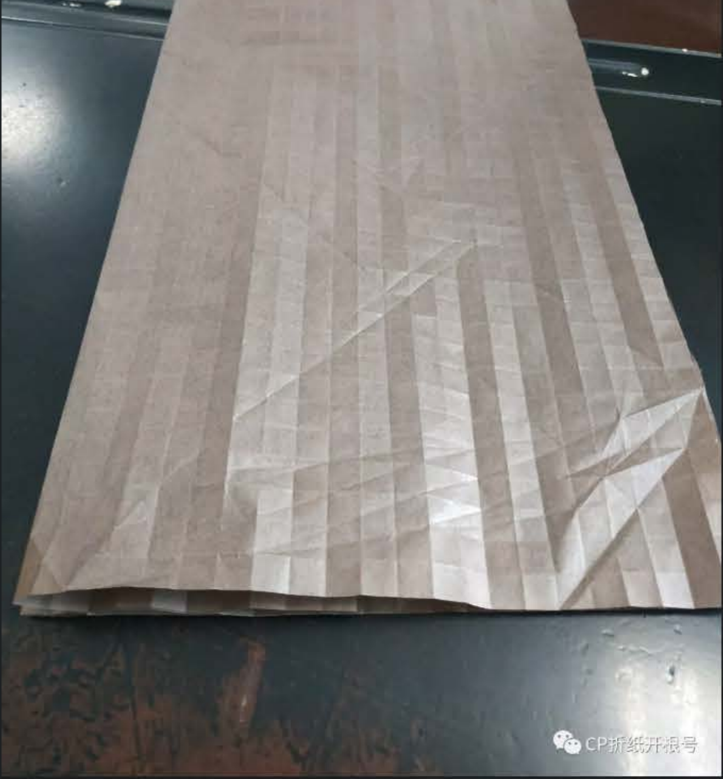
Works in this issue: 64-64 square

The first thing I want to say is that before Imai's work, we said something. Of course, his works are very visual, but the process of wiring is also very difficult in similar works. If you do n't have enough patience, I suggest you do n't fold it first. Will definitely tear your semi-finished product🤔

Let 's start with me! First find a piece of paper about 50, which can be oiled paper, thin leather, etc. It is best not to use thick paper such as hand kneading.

First we simply divide the area



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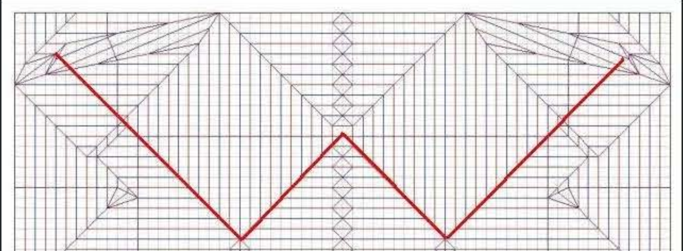
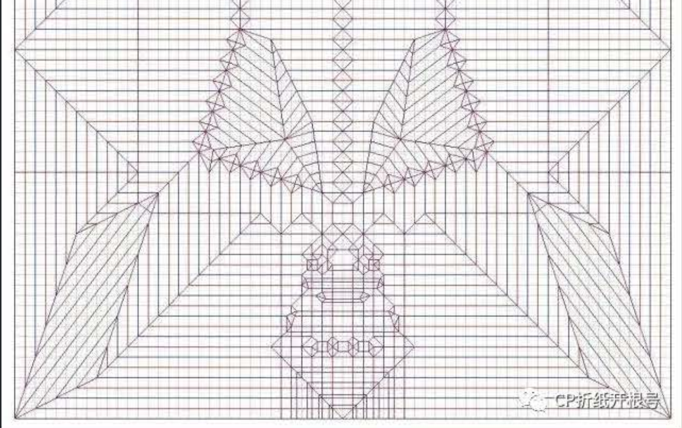
The following figure allows us to directly find some long lines in the CP. As shown in the figure below, we can pinch all the similar lines in the entire CP and then roughly divide the entire paper into an even number area, and then aggregate according to your own habits. .





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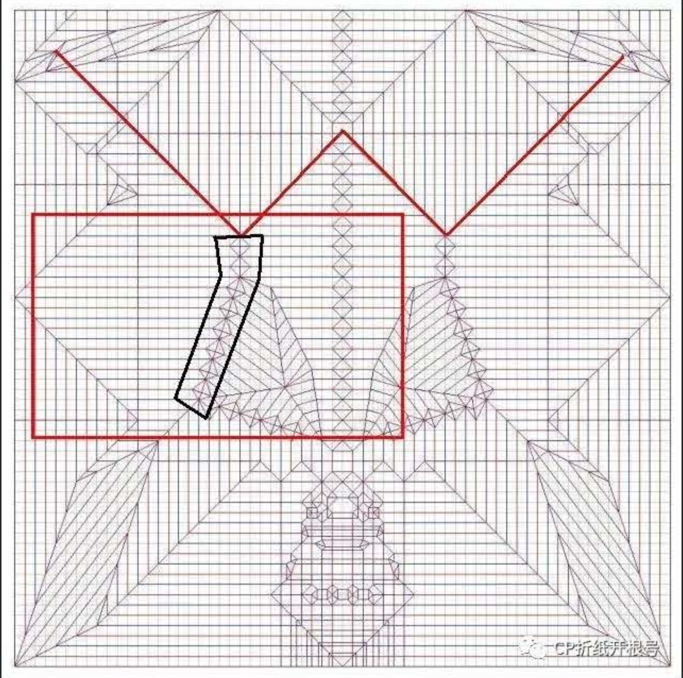
Now we start to converge. I personally also like insects very much, but the order of converging is willing to go to both sides from the middle. As shown in the figure below, we first fold the lines in the red frame with horizontal peaks and valleys and then process the black graphics Tooth structure.



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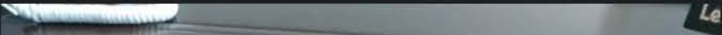

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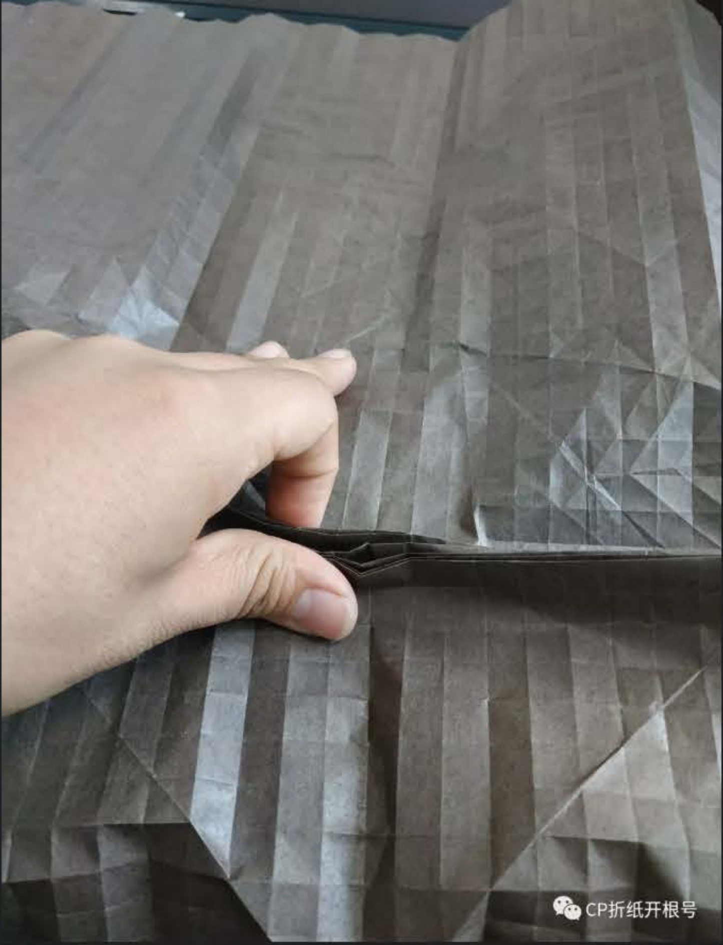

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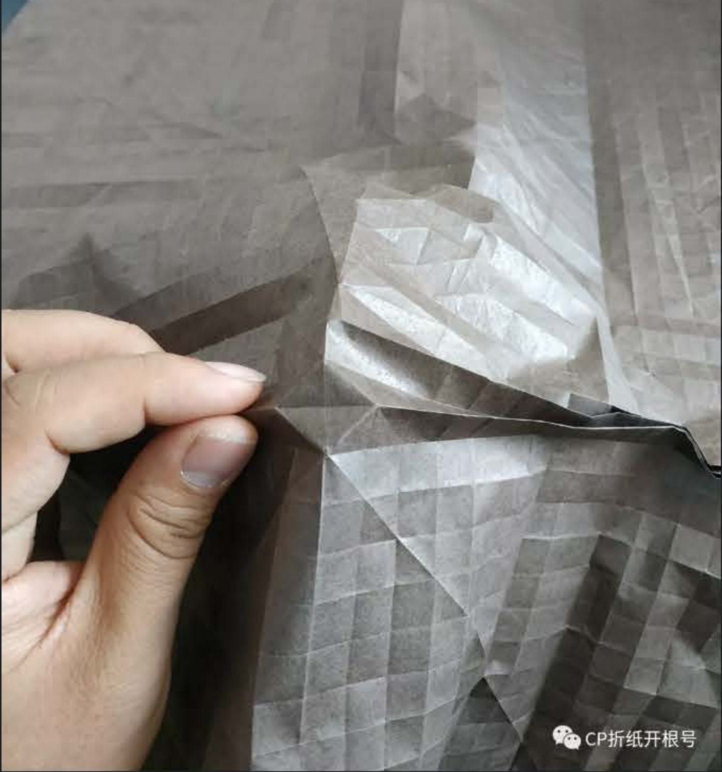

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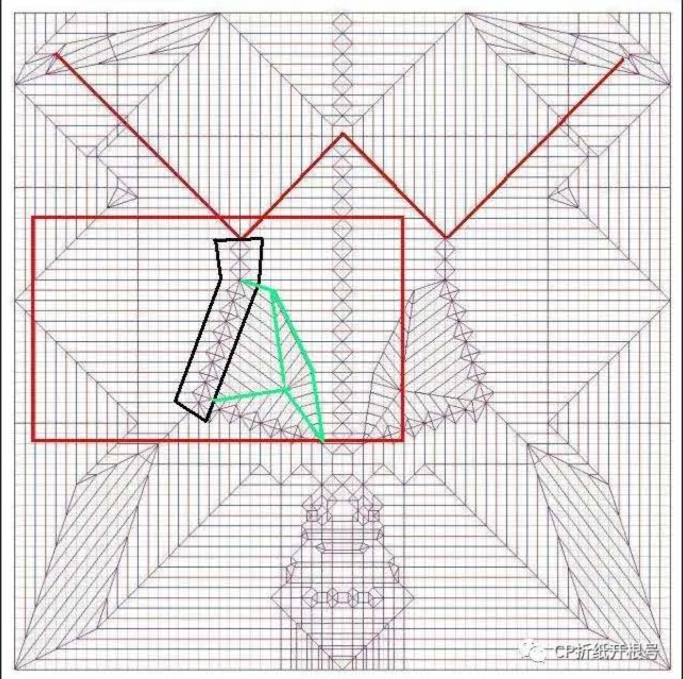
One place to say here is the green part in the figure below. The structure here has peaks and valleys, so there is a multi-paper layer aggregation in the operation here, so be careful when you aggregate (of course these are all you can type these Under the premise of the line!)



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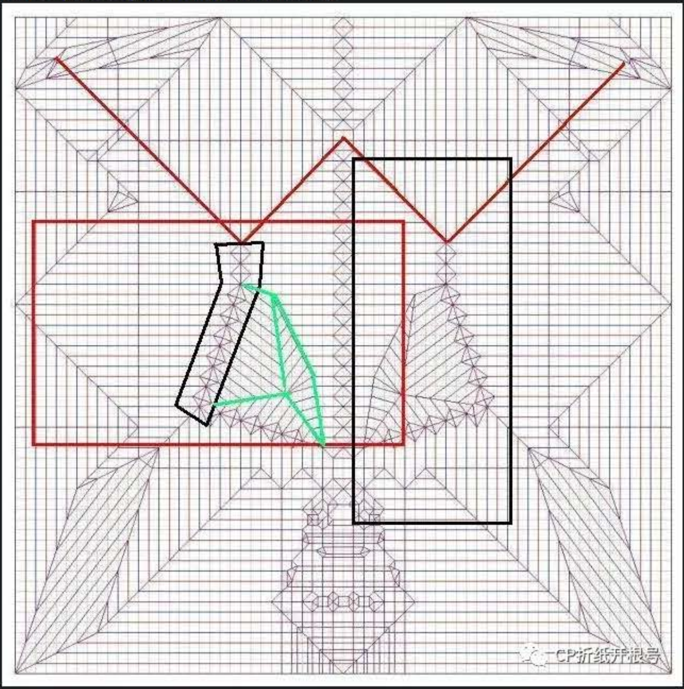
After the left side polymerization, we use the same method to deal with the right side. The aggregation here has multiple paper-layer operations, reorientation operations, etc. So it is relatively difficult to process, so it requires great patience and corresponding methods. I hope everyone will Can succeed.



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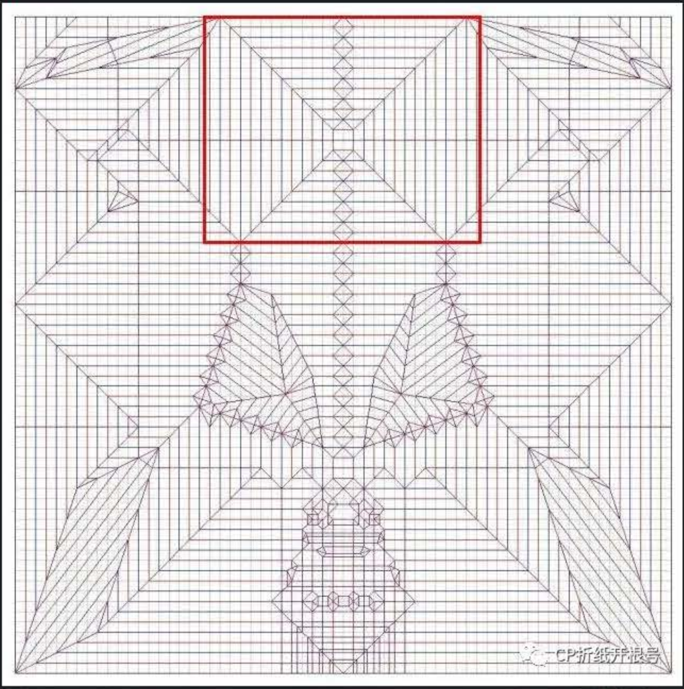
After the middle tooth structure is processed, we fold the part inside the red box in the figure above.



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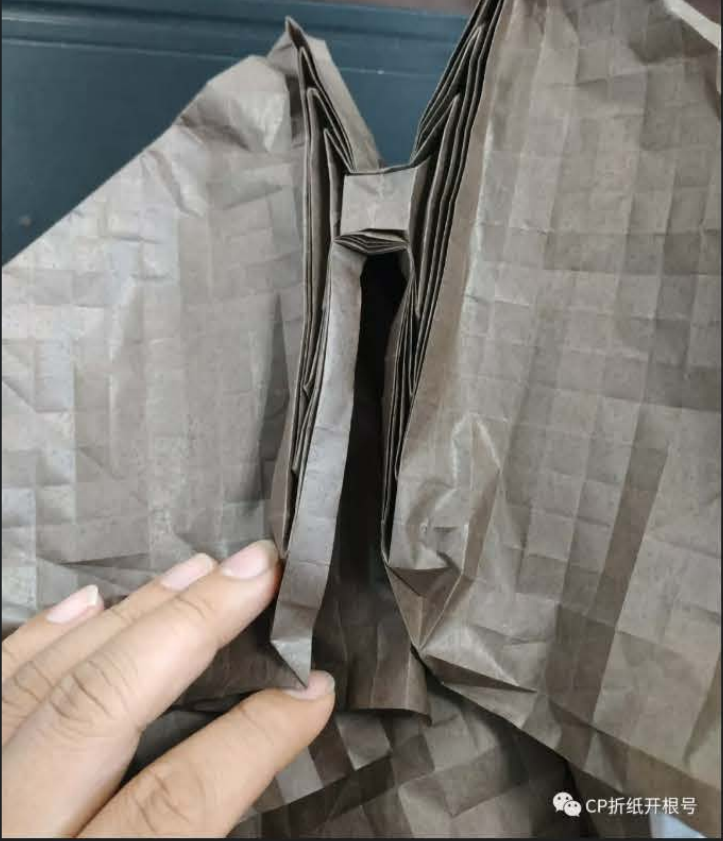

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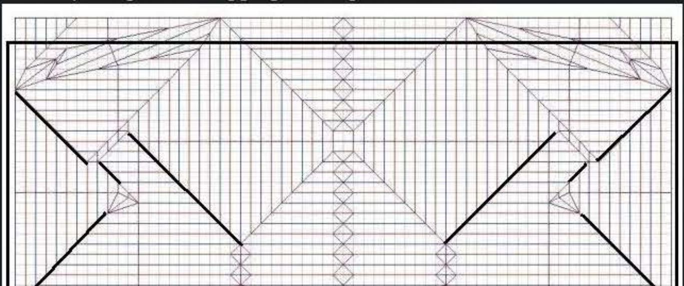
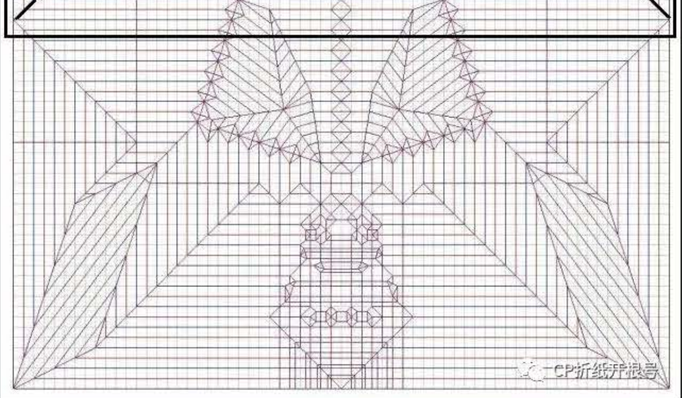
Next, we start to deal with the first half. In fact, it can be divided into many regions. Of course, if multiple regions are aggregated together, it can reduce a lot of time.





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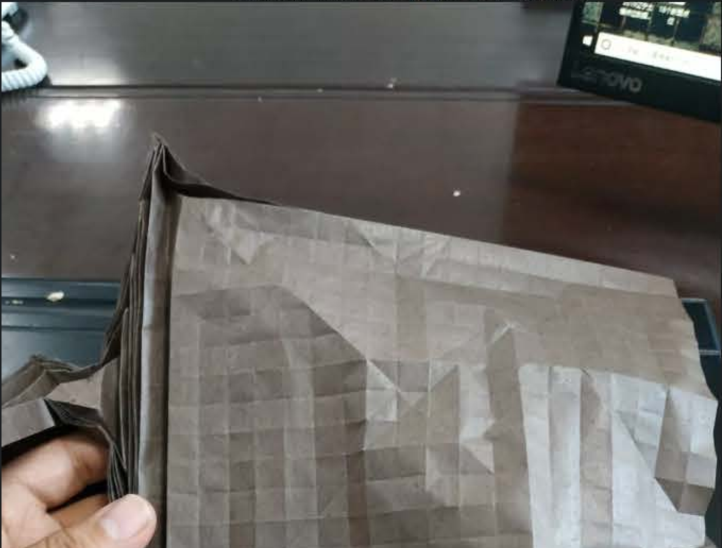
Here we rotate the paper 180 degrees



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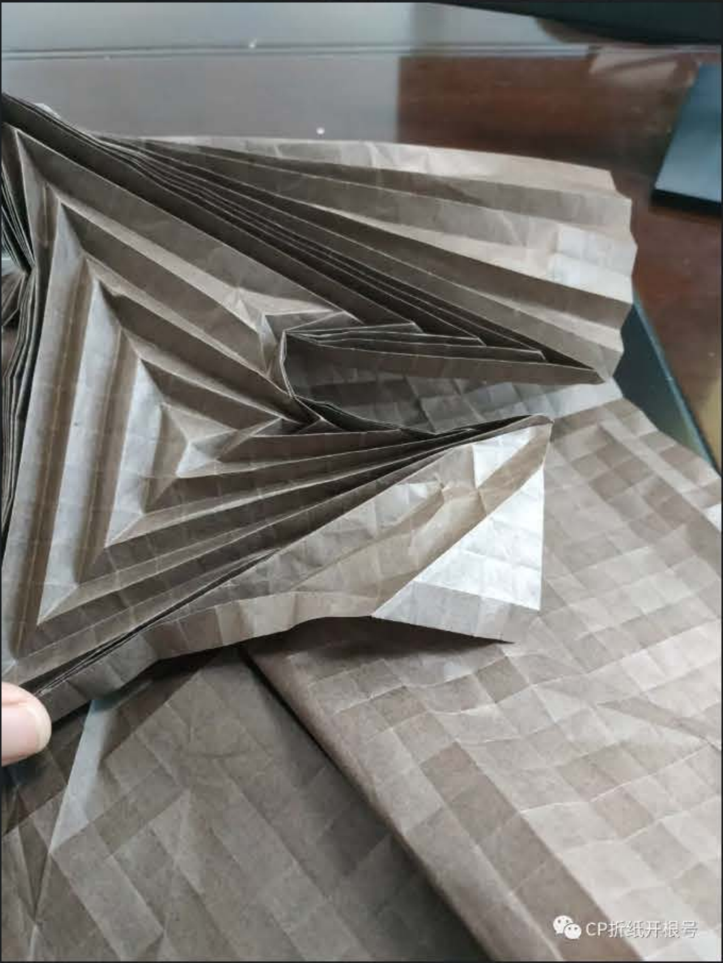

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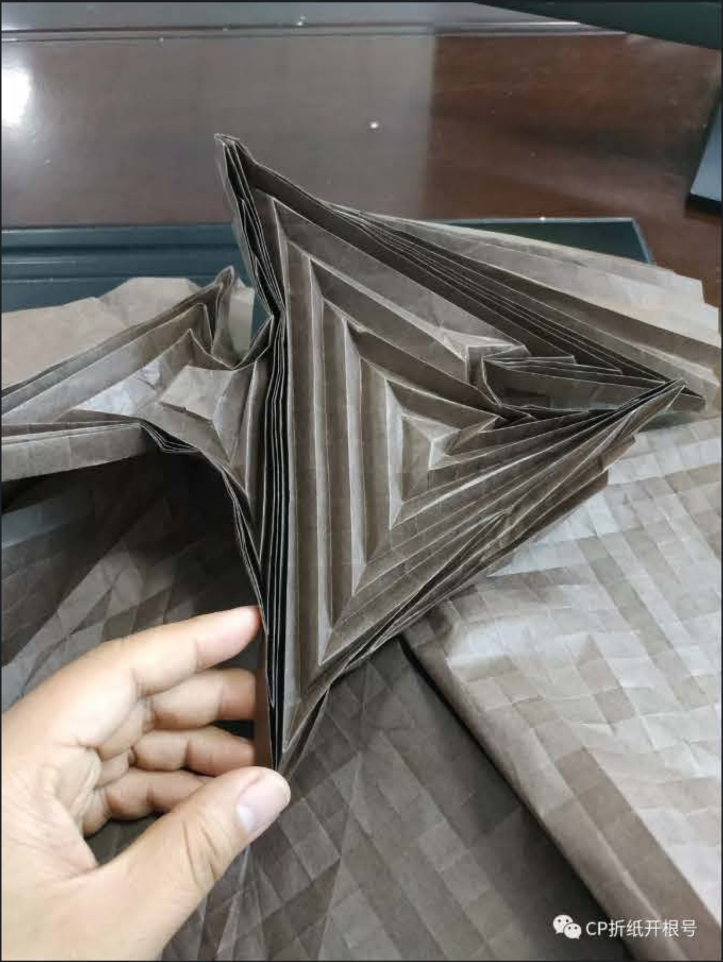

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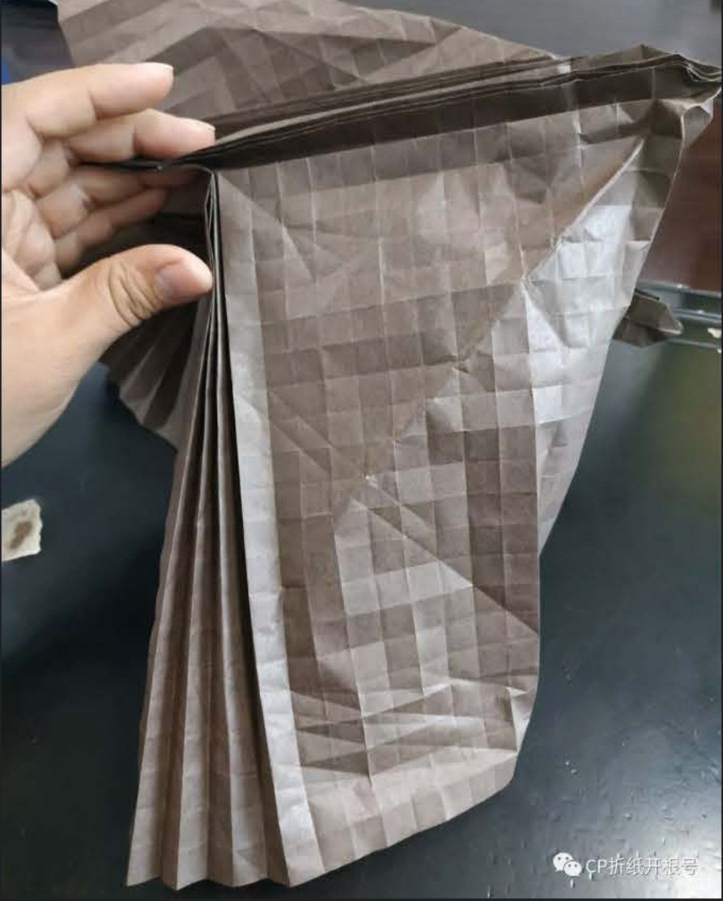

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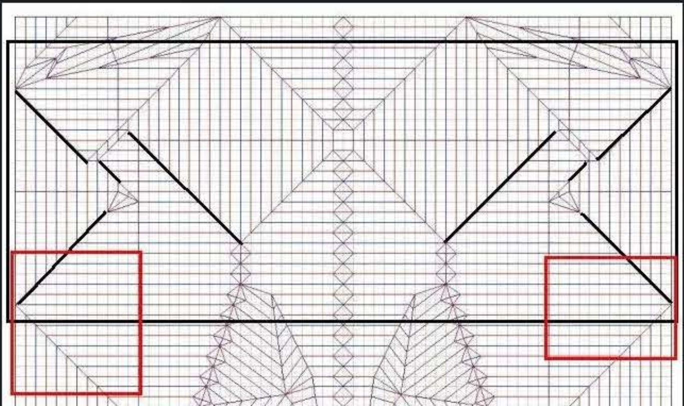
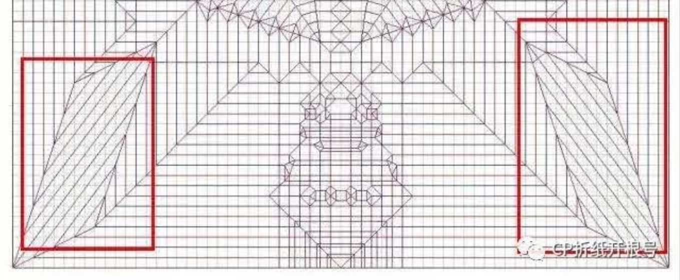
Same folding on both sides.

After the upper part is aggregated, we deal with the red part in the picture below, four branches





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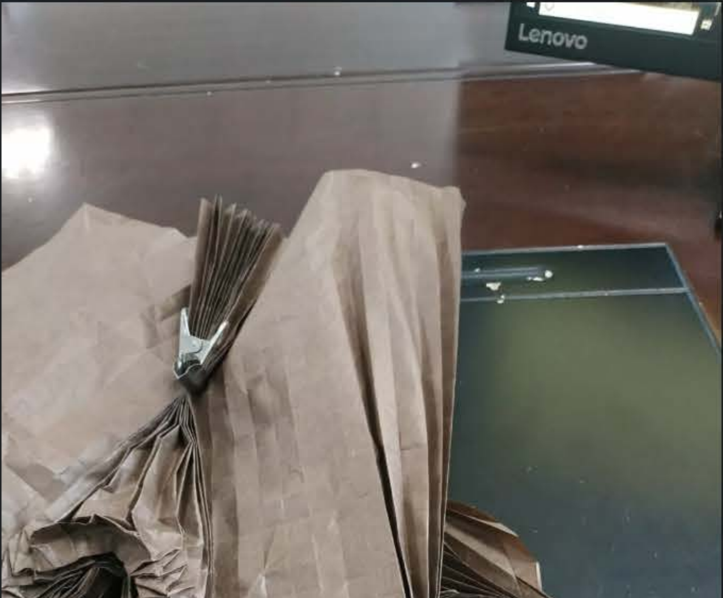

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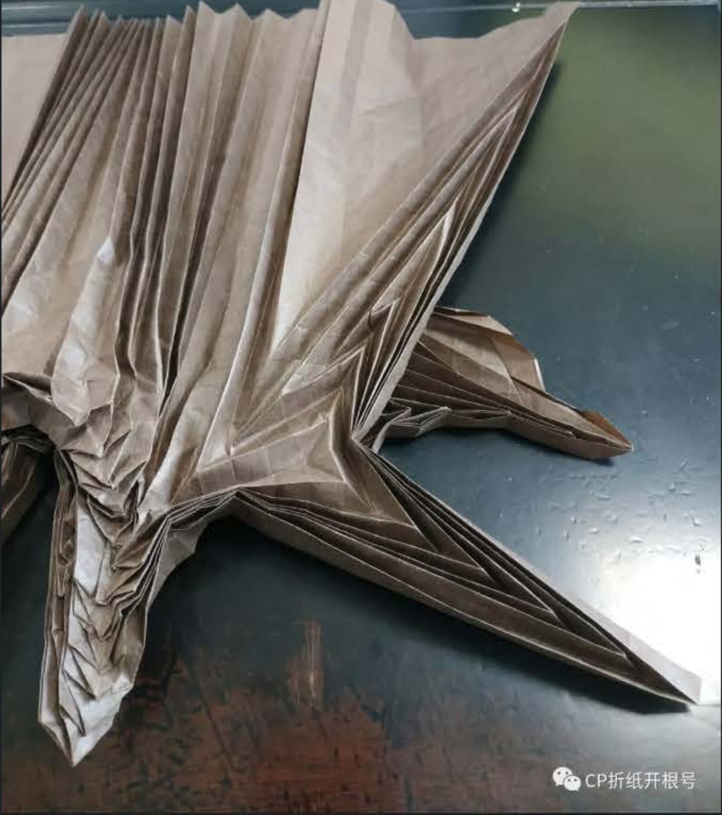

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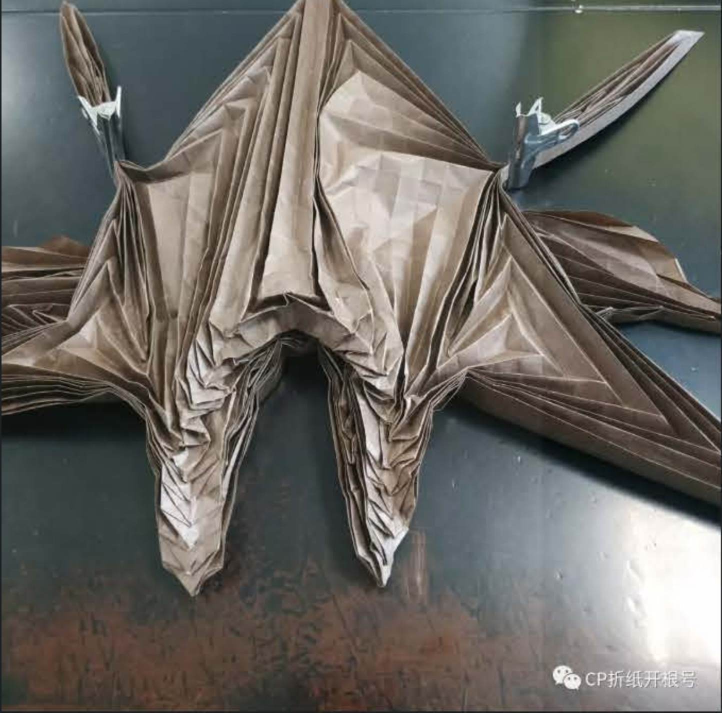
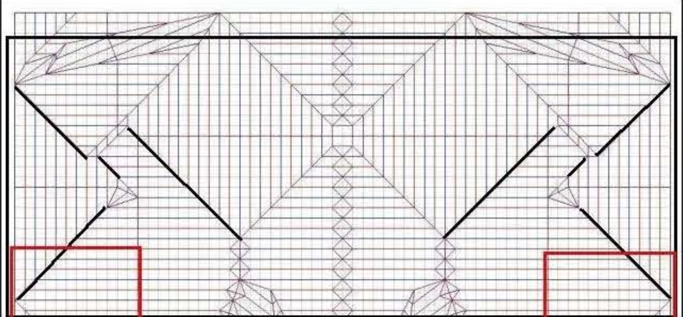
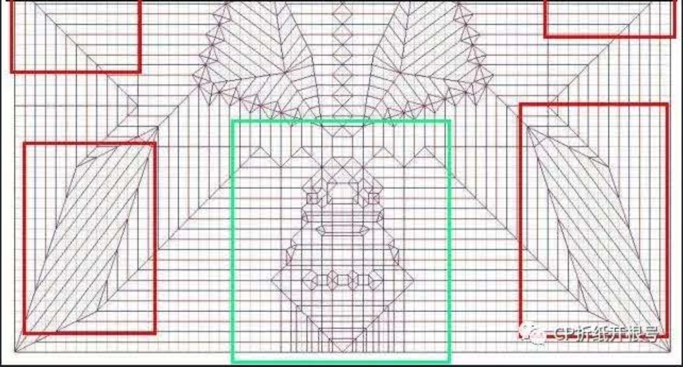


The following is the last part, and also the abdominal structure commonly used in some relatively difficult insects

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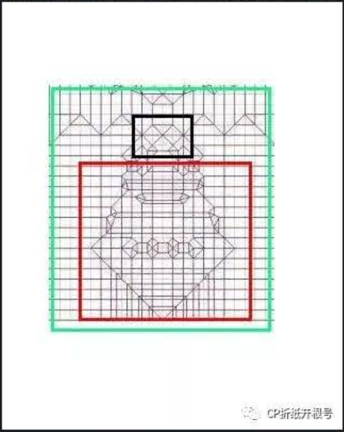
Here you can isolate this part of the CP, and then find a small piece of paper to practice it. Of course, students who want to learn design can also write this part into your notebook. This structure still has a lot of works in Imai. Maybe it will appear in your work in the future.

We first make the black part in the picture below, and then the red zigzag structure, and the middle section is often said in the insect origami we said before. It can be either horizontal or zigzag first. This structure The method of folding does not matter, whether it is right or wrong, it is just a matter of personal habits and time consumption.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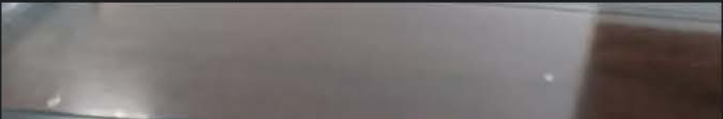

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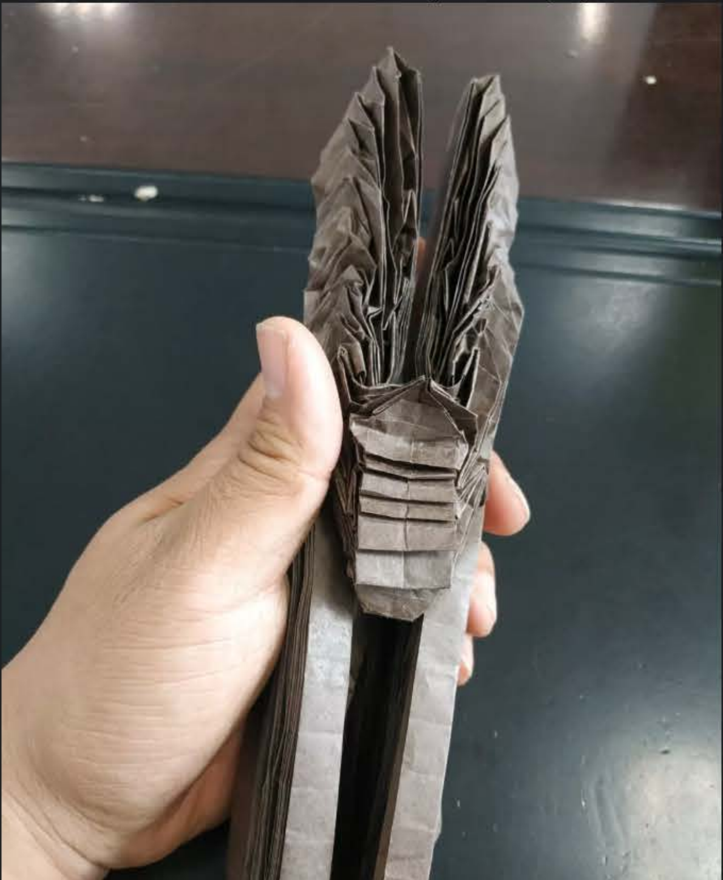
So far we have aggregated this work, and then we are ready to start plastic surgery. First of all, sort out the branch structure and figure out the purpose of each branch.



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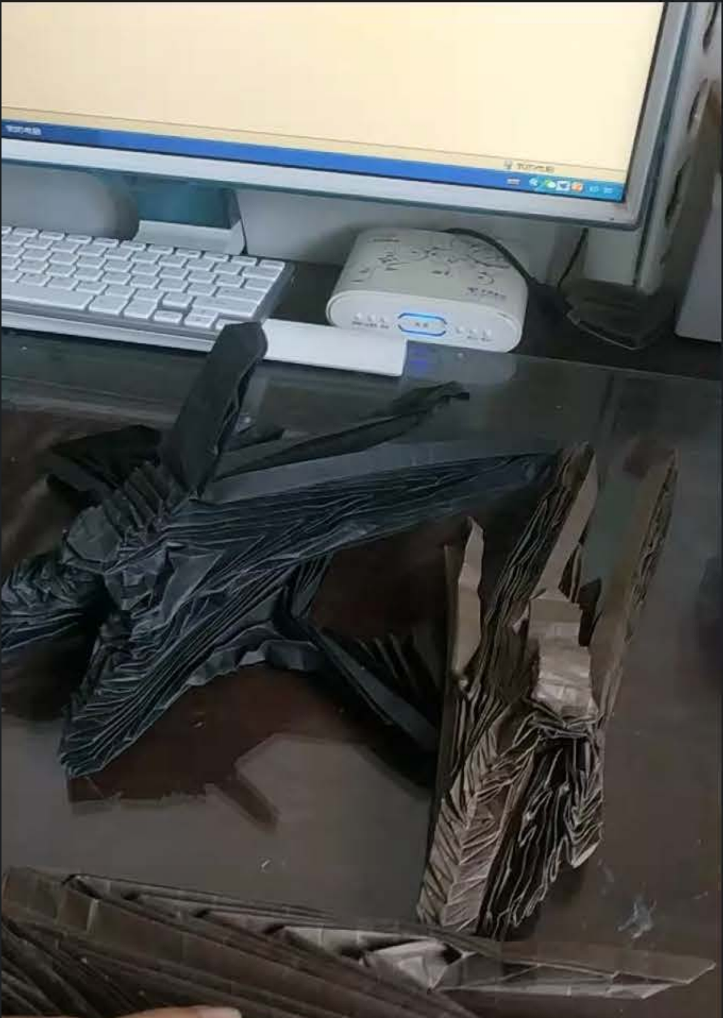

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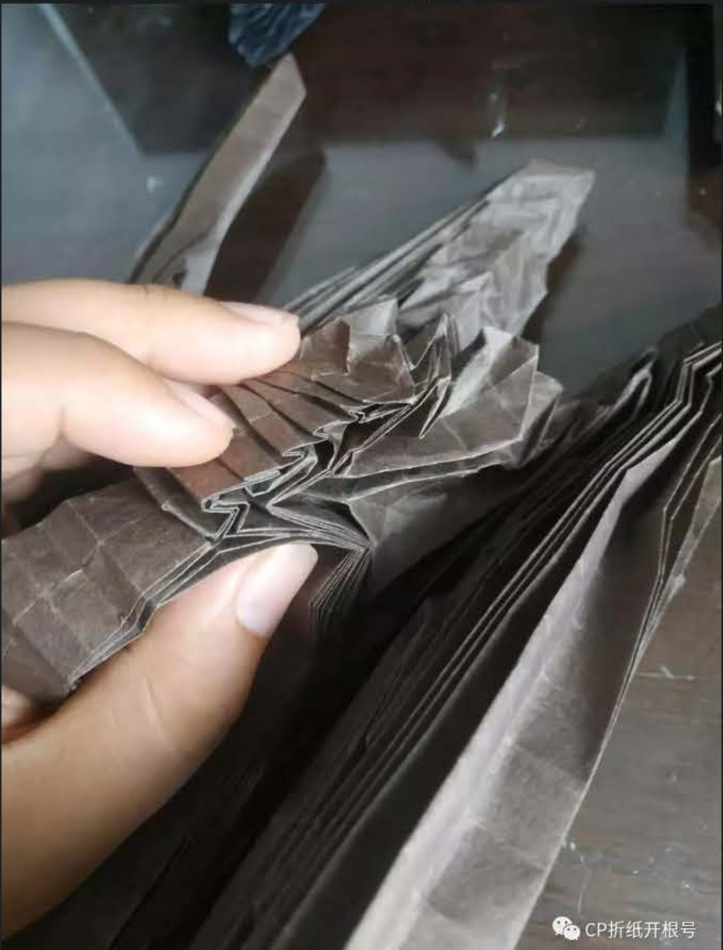

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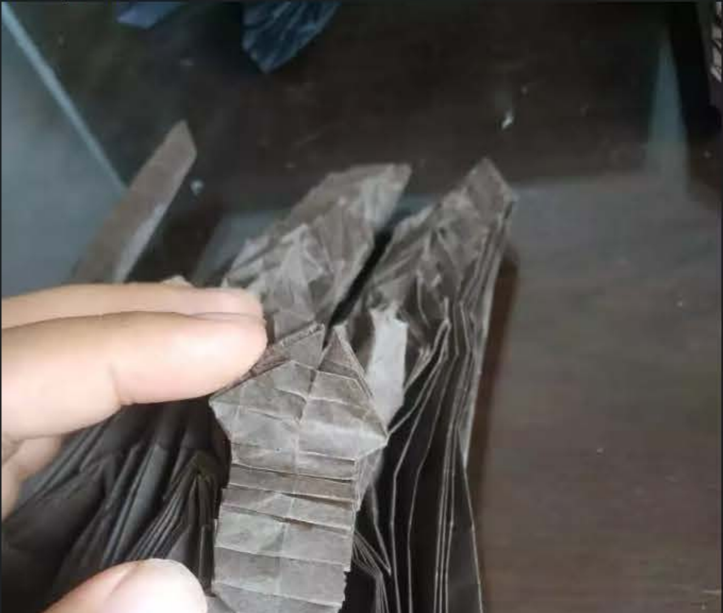
I personally start from the back and stomach, we first fix the position of each knot, then two big teeth. . . . . .



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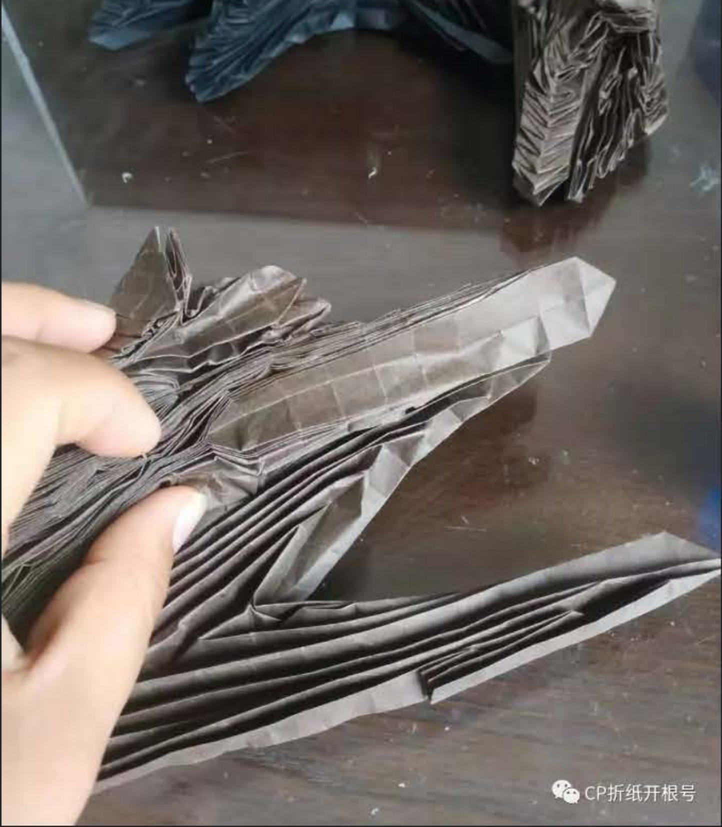
Followed by two toothy tentacles on the front of the body.



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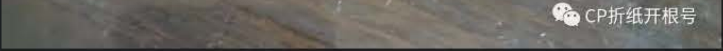
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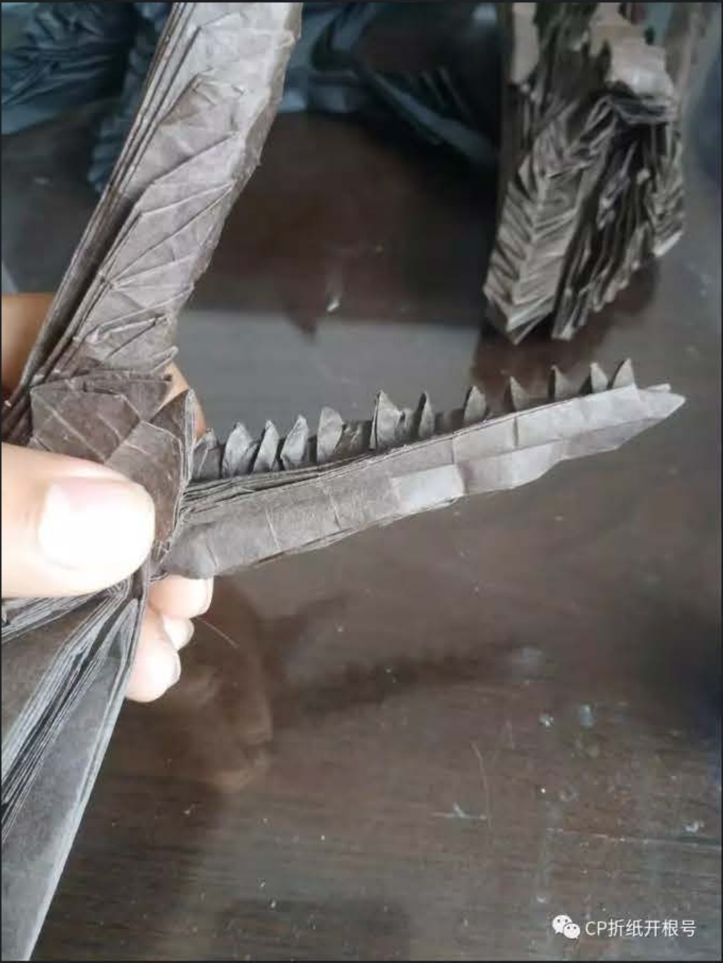
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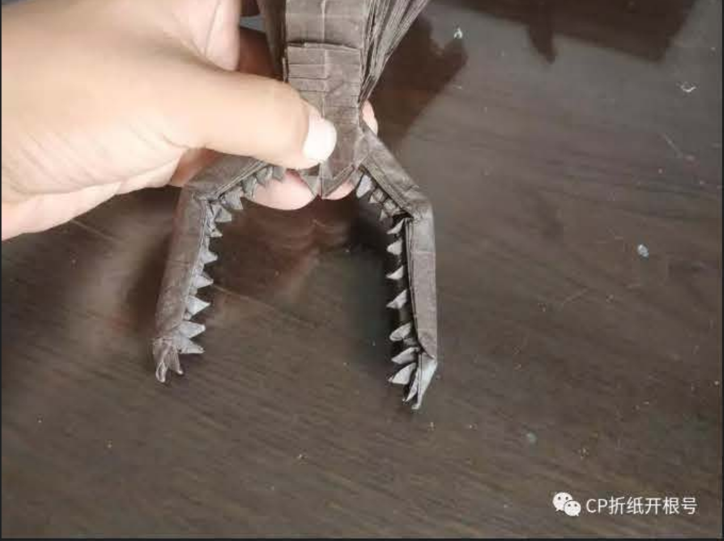

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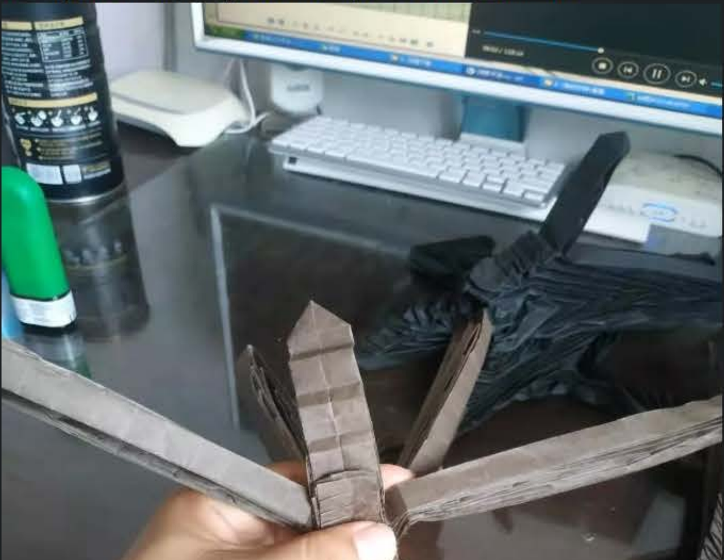
Next up are the other legs. Remember, it's best to slow down.



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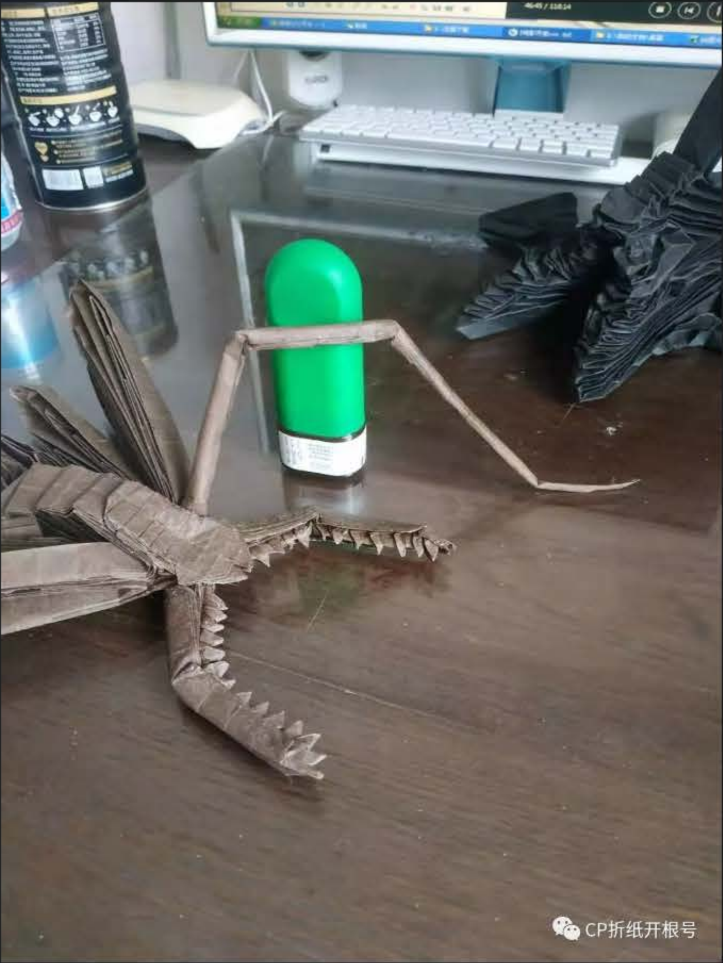

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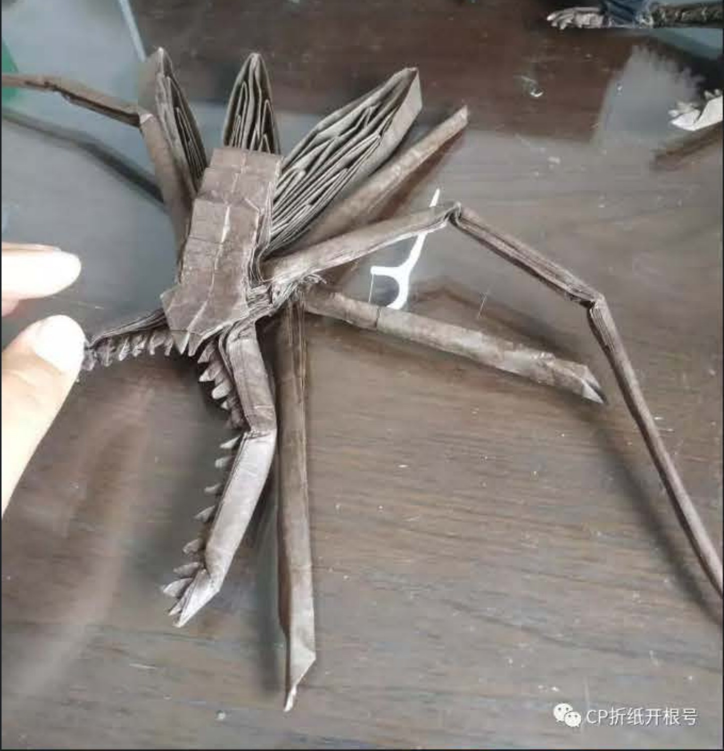

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The next work, wait for the glue to dry!

Come on, origami gentlemen!

See you next time!

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Nth issue: Advertising
Once again, the name of the volcano 515650243 is the mountain origami player
I posted a lot of life sketches and origami sketches, and of course there are original works on display🤭
My Taobao Online Store
Although there is no decoration in the online store and the pictures are not very beautiful, the works are still complete, and I can order CP works that are not in the store. Of course, it also includes the aggregated semi-finished products and finished products of almost all the works explained by the public account. And line paper for sale.
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