Origami Interactive Series No. 20 Alternative Design of the 72nd Period Beetle

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Hello everyone, welcome to CP Opening!
This time I will share a beetle with you again. Many beetles that I said before may be impatient for many people, but this time the beetle design is really a bit different. From a technical point of view, this design looks a bit immature but not too picky, it is partially too thick when folded, so it is recommended that you use very thin paper to fold, let's start!

Please prepare a piece of black hand-kneaded paper or oil paper, wax paper, etc.

50 * 50 equal parts for this issue

Students with obsessive-compulsive disorder come with me, first divide the square into 5 equal parts, each part is divided into 5 equal parts, and finally divide into 50 equal parts. After the grid is completed, you can rest assured that the line is dropped. Paper show opens flat ready to converge!

From the perspective of the entire CP, the red line marked in the figure below is obviously to be folded back, and then the line that needs to be drawn is the same as the overlapped part, so everyone must handle this part before converging, although personally do not approve cutting this part , But if you are afraid of trouble, you can cut this part out first!

Below we start by folding the middle line of the paper in half according to the black line in the figure below, and then lengthen the middle line of the CP to divide the paper.

Take a grid from the middle as a starting point

After marking, we continue to aggregate the partitions according to the black line in the CP in the figure above

After the black line is completed, we start to converge according to the following figure. Note that we have gathered the red area in units of one grid to the edge of the entire area.

Let's start with the right-hand side, first process the black line jagged part of the figure below, and then aggregate the red and black intersections in the lower right corner.

After the above parts are aggregated, we start to aggregate according to the red part in the upper right corner of the figure below. The red and black parts in the middle can be aggregated first or later. This does not have much impact on the aggregation of the entire work.

The other side is also polymerized in the same way. After the polymerization, we process the red parts on both sides of the figure below.

Handled the left first

After fixing both sides, let's fix it

Next, let's deal with the last part of the entire CP. In the blue area in the figure below, the first is to gather from the two sides to the center line as a unit. At the same time, the middle and upper part of the sawtooth are formed into several segment folds.

The section fold is thicker, I hope everyone will hold it, and the next is to gather several crossing corners

Here we are almost aggregated, we can adjust the local
Splitting the legs is the first step

Adjusting the paper layer is the second step

The last step is to adjust the position according to the CP to make the proportion of the entire work reasonable. Of course, this step will add some of its own plastic habits.

Pull out all the branches you think are correct, determine how each branch is to be shaped, and then begin to glue it

I usually start with the thinner part, one side then the other

As can be seen from the figure below, the quality of my glue is average, so much has not been set! !!!

Here we can open the belly to make the paper layer look more like a beetle.

This can also be understood as forcibly adjusting the paper layer on the back (there is no way sometimes all lines are not given in CP)

The middle leg may be thick ... you do n't want to reshape, of course, if you use hand kneading like me! !!

After arranging the six legs, arranging the head again, this is experience

For beetles such as stag beetle, the part of the spade is very important, so if possible, use the available paper layer to adjust the thorns on the spade to make this part more complicated. I really don't know how to organize it. You can refer to the spade fold part of the spade beetle in the Kamiya Tetsushi works to practice it yourself.

Finally, we add a small amount of glue to the paper layer in the head, chest, and abdomen to fix it.

Well, my hands need to be pinched for a while _____ wait to be done!

Then

See you next time!