Scaffold needs diagrams!

**Spread Your Work**

Do you have an original model sitting on your desk? Have you taught it to some friends? Maybe put it on a website? Well, Scaffold wants to help you spread your work to more of the origami community. Scaffold will print any submitted diagrams.

To submit diagrams, send them to scaffold1@aol.com. They will then appear in an upcoming issue (usually the next one). If you don’t have electronic copies of your diagrams, printed diagrams may be submitted by sending them to:

Joshua Koppel  
PO Box 641374  
Chicago, IL 60664-1374  
USA

Printed diagrams may take a little longer to appear, but will still be included as quickly as possible. All submissions should be accompanied by a statement expressing permission for the model to be included in a future issue of Scaffold. I would also be interested in any comments you have about how you came up with the model.

**Back Issues**

All back issues of Scaffold are currently available online. They can be found at [http://www.origami4you.com](http://www.origami4you.com). Just click on the Scaffold link at the top of the page.

Origami4you.com is a wonderful site, so please take a few moments to look it over.

**Doodle Paper**

Origami doodling is what I can the process of designing without specific intent. I just fold rather randomly until, like looking for shapes in the clouds, I get a glimmer. I then begin folding with intent. When doodling, I generally do not use true origami paper. Instead I use what I think of as doodle paper.

In general, doodle paper tends to be a bit heavy. I find this useful as I abandon folds in a doodle. The stiffer paper allows a lot of repeated folding and unfolding. When I find a design that is promising, I will later fold it with better paper.

The paper I find the most useful for doodling tends to be small notepaper. These are usually 3-inch or 3½-inch squares of colorful paper. I like the convenient size. I can carry some in a shirt pocket or tucked into the book I am reading. But I sometimes use larger paper for more complex doodles. My current favorite being obsolete letterhead that has been trimmed into an 8½-square. The letterhead I come across has a high fiber content which helps prevent tearing from overuse.

I am currently creating several models a day when I have doodle paper handy. I just grab a sheet and let my fingers do the folding. Next thing I know, there are a pelican and a giraffe in my pocket.

**New Books**

Just as the July 2001 issue was going out, my copy of Jeremy Shafer’s new book arrived. A week later, a trip to Boston allowed a visit to the Sausuga Bookstore where I found several more books. These new additions are as follows.

**ORIGAMI TO ASTONISH AND AMUSE** by Jeremy Shafer

Astonish and Amuse

Few books seem to have created the same anticipation as Jeremy Shafer’s ORIGAMI TO ASTONISH AND AMUSE. After countless delays by the publisher, it finally was released last month. It was everything I had hoped for.

Upon the arrival of the book, I had to take the time to examine it carefully. Ninety-plus models are diagramed (with two hidden in the beginning). My first impression was about the page layout. This is not typical of most English origami books. Jeremy makes fine use of the written word with detailed explanations, anecdotes, and notes about how a particular model was created. As a designer, I was very pleased.

The models in the book range from traditional ideas like a crab and a dragon, to the completely bizarre, like the Clogged Artery. Some models are monochromatic while others make full use of both sides of the paper. Some models are simple, like the Origami Square and the Invisible Duck, while others look like they defy physics, like the Eight Interlocking Rings.

But the question was in my mind, did the fuller pages detract from the diagrams? Well, I sat down to test it. I chose the Chocolate-Covered Ant and the Star of David. There was absolutely no trouble with following the directions. The pages may have a lot of information on them, but they are very clear and easy to follow. The only thing I found difficult about this book was cataloging the diagrams (just how would you classify the Clogged Artery?).

ORIGAMI TO ASTONISH AND AMUSE is available from St. Martin’s Griffin and sells for $19.95 US ($29.95 Can.).

The Models

This month I have some models that I designed out of what I later began to think of as a three-sided bird base. Chicago Area Origami Society member Hisa Amimoto has submitted her first original model.

Hummingbird
This “Birds of the Sungod” was the first model designed by Hisa Amimoto of the Chicago Area Origami Society, back in 1991. It was originally to be included in an issue of Manifold but there were no diagrams, just a series of step folds, and I stopped being the editor before the diagrams were finished. Hisa has graciously allowed its appearance here.

Simple Lobster
Back in the late 1980s while I was writing Manifold, I needed a model to diagram that would fit on one page. Somehow, the idea for this lobster popped into my head complete except for the method of hiding a point. But the issue of Manifold went out with only partial diagrams, leaving the tail variations to the reader. This is the first true appearance of the Simple Lobster.

Simple Scorpion
The Simple Scorpion was designed mere minutes after I designed the Simple Lobster. The issue of Manifold went out with only partial diagrams, leaving the tail variations to the reader. This is the first complete appearance of the Simple Scorpion.

Parrot in Flight
This Parrot, like the Standing Crane in the last issue, was one of the numerous models I created after encountering Samuel Randlett’s Parrot in THE ART OF ORIGAMI. A previous set of diagrams for this model appeared in the 1991 ANNUAL COLLECTION put out by The Friends of The Origami Center of America (now Origami USA).

$ Fish
I call this the Simple $ Fish but it has a complex move. I developed this while performing a job that had thousands of checks arriving in the office. Many of these checks were accompanied by stubs that were dollar-sized. After a little doodling, I came across the move that makes the tail. It’s easy if you see it in motion, but diagraming it was a bit of a challenge. If you can manage the tail, there are only three more steps (hence “Simple”).
Birds of the Sun God by Hisa Amimoto

1. Fold and unfold.
2. Pleat in fifths.
3. Fold in half.
4. Fold wing in half.
5. Turn over.
6. Open as indicated.
7. Pull point out.
8. Fold and unfold.
9. i fold edges in.
   ii fold point up.
Birds of the Sun God by Hisa Amimoto

10. Make rabbit ears.
11. Fold edges in.
12. i Make a small pleat.
   ii Fold in half.
13. Two outside-reverse folds.
14. Pleat beak. Fold tail flaps up on both sides.
15. Fold corner of tail on both sides.
16. Fold one layer of tail over.

The completed "Bird of the Sun God"
Simple Lobster by Joshua Koppel

Begin with a small square with the desired side up.

1. Fold and unfold diagonals then turn over.
2. Fold and unfold.
3. Fold in half.
4. Collapse into a preliminary fold.
5. Fold and unfold, repeat behind.
6. Sink 4 points.
7. Open out while stretching the top flap...
   ... like so.
8. Reform the preliminary fold.

Scaffold August 1, 2001
Simple Lobster by Joshua Koppel


10. Fold to center.

11. Mountain fold behind.

12. Inside-reverse fold.

13. Fold down. Repeat behind.


15. i Outside-reverse, don't crease.
   ii Fold and unfold tip.

16. Open out and bring tip up.

17. Pleat fold.

18. Turn over.

The completed Lobster!
Simple Scorpion by Joshua Koppel

Begin with a small square with the desired side up.

1. Fold and unfold diagonals then turn over.
2. Fold and unfold.
3. Fold in half.
4. Collapse into a preliminary fold.
5. Fold and unfold, repeat behind.
6. Sink 4 points.
7. Open out while stretching the top flap... ... like so.
8. Reform the preliminary fold.
Simple Scorpion by Joshua Koppel


11. Unpleat tail.

12. Fold edges in.

13. Fold points inside.


15. Fold corners down. Repeat behind.

16. Inside reverse points up.

17. Outside reverse tips.

18 Rabbit-ear stinger.

19. Curl tail to finish.
1. Fold in half.
2. Sink corners.
3. Inside rabbit ear down.
4. Fold edges to center.
5. Fold in half.
6. Rabbit ear both sides.
7. Rotate.
8. Fold wings down while crimping front edge.

Begin with a square of paper with the desired side down.
Parrott in Flight by Joshua Koppel


10. Lift wings up ...

... and fly! The completed Parrott in Flight.
Simple $ Fish by Joshua Koppel

Begin with a dollar with the desired side up.

1. Fold and unfold.

2. Fold and unfold.

3. Turn over.

4. Fold through intersection.

5. Fold edges to creases.

6. Unfold last step.

7. Sink along existing creases.

8. Turn over.
Simple $ Fish by Joshua Koppel

9. Fold along lines as shown so back flap flips out.

10. Fold over.

11. Fold corners in.

12. Turn over.

The completed Simple $ Fish!