

## Japanese Patinas



*Niage on brass.*



*Niage on copper.*



*Su-tanpan on sterling.*



*Furubi on sterling.*

### **Su-tanpan**

Combine four parts of copper sulfate with one part table salt and stir into a generous amount of vinegar. Paint or immerse as needed to develop the color.

### **Furubi**

Combine five parts of copper sulfate with one part table salt and stir into water. Paint or immerse as needed to develop the color. This is very similar to su-tanpan but uses water instead of vinegar.

### **Niage**

Equal parts of rokusho and copper sulfate in water. Heat to a simmer and immerse clean metal objects for as long as needed to achieve the desired color (it is not instant). Colors move through gray, rust, red, to dark brown.