<page>068r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f141.image</image>

<div>  
<id>p068r\_1</id>  
<head>Fanciful tables</head>

<ab>You can make various grooved compartments &amp; in these, put <al>fishes</al> painted after nature &amp; with colors on <m>simple <fr>carton</fr></m> &amp; if you please, on <m>silvered &amp; <tl>burnished</tl> paper</m> which will represent the scales. And next, cover this with <m>very clear lantern horn</m>. You can apply the same to other works.</ab>

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<div>  
<id>p068r\_2</id>  
<head>Planting trees</head>

<ab> One needs to plant them in a <del><env>dry place</env></del> <env>dry weather</env>, &amp; <m>plenty of earth</m> gathered at the foot all around, like a mound, so that the <env>rains</env> do not fill the holes &amp; drown the trees.</ab>

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<div>  
<id>p068r\_3</id>  
<head>Casting</head>

<ab>I have tried four kinds of sand for <m>lead</m> &amp; <m>tin</m>: <m>chalk</m>, <m>crushed glass</m>, <m>tripoli</m> &amp; <m>burnt linen</m>, all four excellent. But as for the <m>chalk</m>, it needs to be of the softest kind you can find, like <m>the <pl>Champagne</pl> one that <pro>painters</pro> use</m>. It releases very neatly, does not need to be moistened with <m>magistra</m> or anything else, but needs to be completely dry, in its natural state, finely pulverized. The first cast is always the neatest, however it will well withstand two or three. But there is only the first one that you need to take heed of, when you want to remake your <tl>box mold</tl> to take new <m>powdered chalk</m> that has not yet been used for works, for the one previously used in the box mold has dried out &amp; has no stickiness &amp; bond like the fresh one. <m>Crushed glass</m> can be made from <m>common glass sand, however cristallin</m> is more excellent, for <m>common glass</m> contains <del><m>glass</m></del> <m>salt of saltwort</m> only, but <m>cristallin</m> contains both <m>salt of tartar</m> &amp; <m>saltwort</m> all together, which both help fusion, the <m>glass</m> once calcined &amp; reduced to as if to its prime substance. In order to calcine it perfectly, throw your <m>glass</m>, lumps of whichever sort, among the largest possible lit <m>charcoals</m> that you can, if you are lacking some other <del>t</del><add>d</add>e foeu<del>t</del> violent heat source. And when it will be well red, throw it into <m>water</m>.</ab>

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<margin>left-middle</margin>  
<m>Putty</m> is considered excellent for these two <m>metals</m>.</ab>

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