<page>100v</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f206.image</image>

<div>

<id>p100v\_1</id>

<head><m>Gemstone</m></head>

<ab>Take white <m>pebbles</m> that are found by the rivers &amp; among the sand bank, &amp; paths, which are somewhat transparent, &amp; if they are perfectly <sup>transparent</sup> it will be better. If not use the best &amp; whitest that you can. Calcine them three or 4 times in your <tl><fr>four à vent</fr></tl> &amp; quench them in <m>water</m> or <m>vinegar</m>. Next, take a <figure><ms>℥</ms></figure> of them and pestle them in a totally pure <tl><m>copper</m> mortar</tl>, &amp; with a <tl>pestle of pure <m>copper</m></tl>, and grind them until they become very fine &amp; soft powder, and this is a sign that they have taken the substance of<m>copper</m>, enough for giving them greenness. At that time, on your <figure><ms>℥</ms></figure> of <m>pebbles</m>, put in three <figure><ms>℥</ms></figure> of good <m>minium</m>, not adulterated by <m>brick</m> &amp; anything else, and grind everything together again very well in a <tl><m>bronze</m> mortar</tl>. And on all of this, put in a <ms><fr>gros</fr></ms> of <m><fr>sel de verre</fr></m>; &amp; some &amp; the common people put in <m>sandever</m> that they find at the <pro>glassmakers</pro> or <pro>apothecaries</pro>. But <m>alkali salt</m>, as you know, is better.

<man><margin>left-middle</margin><m>Emerald</m></man>

In this way, the common people make <m>emeralds</m> &amp; cast in sand. If you do not have a <tl><m>bronze</m> mortar</tl>, grind in a <tl>kettle of pure <m>copper</m></tl>.</ab>

<ab>

<margin>left-top</margin>

One needs to reheat <tl>crucibles</tl> before putting in materials, and put them in the <tl><fr>fornaise</fr></tl> or <fr><tl>four à vent</tl></fr>, before making &amp; increasing the fire.

<figure>

<id>fig\_p100v\_1</id>

<link><https://drive.google.com/open?id=0B9-oNrvWdlO5QUx4eF9qWU1jS28></link>

</figure>

</ab>

<ab>

<margin>left-middle</margin>

They are made in an <ms>hour &amp; a half</ms>.

</ab>

<ab>

<margin>left-middle</margin>

A <ms><fr>gros</fr></ms> of <m>salt</m> on the four <figure><ms>℥</ms></figure> of <m>pebbles</m> &amp;<m>minium</m>. When one says: for <figure><ms>℥</ms></figure>, this is to be understood: on one <figure><ms>℥</ms></figure> of the body &amp; not of the <m>salts</m> &amp; the <m>minium</m>.

</ab>

</div>

<div>

<id>p100v\_2</id>

<head>For <m>ruby</m> take some <m>gold leaf</m></head>

<ab>Raise your <tl>furnace</tl> by two <tl>tiles</tl> all around, because one needs more heat for making <m>rubies</m> than for <m>emeralds</m>. And take one <figure><ms>℥</ms></figure> of white calcined <m>pebbles</m> and put it in a <tl>mortar</tl> of <m>glass</m>; &amp; having ground it coarsely with the <tl>pestle</tl> of the same, mix in the weight of a <ms><fr>grain</fr></ms> of <m>gold leaf</m> of what the <pro>painters</pro> gild, &amp; grind</ab>

<ab>

<margin>left-bottom</margin>

Some say that, mixing the <m>gold</m> with the <m>pebbles</m> and the <m>saltpeter</m>, it makes the color of a <pa>peach tree</pa></ab>.

<ab>

<margin>left-bottom</margin>

Others say that it is necessary that the <m>gold</m> be soldered several times then beaten into leaf.</ab>

<cont/>

</div>