<page>044r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f93.image</image>

<div>  
<id>p044r\_1</id>  
<head>The range of an arquebus</head>

<ab>The proportion of a fowling piece is 4 <ms>king's feet</ms> long &amp; a ball of xviii <cn><fr>deniers</fr></cn>, an chasse of vi pennyweight of <m>powder</m>, its range iiii-by-xx pans and 3 and a half feet and two thumbs and a few <ms>lines</ms>, which is the Paris <ms><fr>aulne</fr></ms>. The medium hackbut, which is the usual one and the easiest, has xv pennyweight of <m>ball</m>, v pennyweight of <m>powder</m> &amp; a range of lx paces.</ab>

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<div>  
<id>p044r\_2</id>  
<head><pro>Pewterer</pro></head>

<ab>They mix viii <ms>lb</ms> <add>or ten</add> of <m>lead</m>, per <ms>quintal</ms> of <m>tin</m> in <env>cities where they are <pro>sworn masters</pro></env>. But elsewhere, they add as much as they can. One also uses ii <ms>lb</ms> of <m>looking glass tin</m> to bind it &amp; three <ms>lb</ms> of <m>debris</m>, that is to say the <m>copper shards that <pro>coppersmiths</pro> make</m>. This makes the vessel more <sn>sonorous</sn> and it is not as breakable.</ab>

<ab>  
<margin>left-middle</margin>  
This <m>tin</m> is called <m>common tin</m>.</ab>

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<div>  
<id>p044r\_3</id>  
<head>Arquebuse</head>

<ab>To keep it from pushing back, clean your arquebuse every eight days, and rub it with <m>oil</m>, and when you shoot, wet some <m>linen cloth</m> in <m>oil</m> &amp; put it in instead of <m>paper</m>.</ab>

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<div>  
<id>p044r\_4</id>  
<head><m>Lake</m></head>

<ab>To test it, soak it &amp; apply it to <m>paper</m>, &amp; if one or two <ms><tmp>hours</tmp></ms> later it does not die there, it is fine and good.</ab>

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<div>  
<id>p044r\_5</id>  
<head><m>Dyes from flowers</m></head>

<ab>The <m><pa>red poppy</pa></m>, which grows amongst <pa>grains</pa>, makes a very beautiful columbine on <m>white leather</m>. The <m><pa>cornflower</pa></m> makes a very beautiful blue. A <m>plant which grows in hedges, which has a stem similar to <pa>flax</pa>, a long &amp; broad leaf like small <pa>bugloss</pa>, which has a violet flower verging on blue &amp; is shaped like the <pa>lily flower</pa></m>, makes a very beautiful turquin, surpassing azure. Another flower, the <m><pa>columbine</pa></m>, of the shape &amp; size of the <m><pa>bugloss</pa> flower</m>, which has a petal like that of the <m><pa>pansy</pa></m>, also makes a very beautiful turquin. It grows amongst <pa>grains</pa>, in light soils.</ab>

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