<page>044r</page>

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

<div>  
<id>p044r\_a1</id>  
<head>The reach of an arquebuse</head>

<ab>The proportion of a fowling piece is: 4 king's feet long and the <m>bullet</m> weights xviii pennyweights, the expulsion vi pennyweight of <m>powder</m>, its range iiii-by-xx pans and 3 and a half feet and two thumbs and around a line, which is the Paris aulne. The medium arquebuse, which is the usual one and the easiest, admits xv pennyweight of <m>bullet</m>, v pennyweight of <m>powder</m> &amp; reaches lx paces.</ab>

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<div>  
<id>p044r\_a2</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\_a3</id>  
<head>Arquebuse</head>

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

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<div>  
<id>p044r\_a4</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\_a5</id>  
<head>Dyes from <m>flowers</m></head>

<ab><m>Red poppies</m> that grow amongst wheat make a very beautiful columbine on white leather. The <m>boufain</m> makes a very beautiful blue. An <m>herb which grows in hedges, which has a stem similar to flax, long and broad leaves like little bugloss, which has a violet flower verging on blue and looks like the fleur de lys,</m> makes a quite beautiful turquin, better than azure. Another <m>columbine flower of the shape and size of the bugloss flower, which has a leaf like that of the pansy</m>, also makes a very beautiful turquin. It grows in wheat in light earth.</ab>

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