



James THE Gray
ELEMENTS
OF LOGICK

148 By ~~James THE Gray~~
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Translated out of
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With the Authors approbation.

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Because it is most subject to civill warre.

Rhetoricians call Enthymemes proofes grounded vpon probable signes. As,

Milo killed Claudius :

For he hated him before.

Or

This man is learned:

For he is pale and hath many books.

These proofes are of no force, except they be in great number. For signes and conjectures which haue no force being alone, become forcible when there are many of them together.



The ninth Chapter.

Of Induction, and of Example.

Induction is a Syllogisme wherein diuers singulars or particulars are as a Meane to proue an vniversall conclusion. As when I will proue that *all living creatures haue feeling* because *birds, fishes, serpents, terrestri-*
all

all beasts, and Amphibia have feeling.

Or thus, the Stag, the Doe, the Hare, the Coney, the Mouse have a great heart in proportion to their bodie: Now the fearfull creatures are the Stag, the Doe, &c. Therefore all fearfull creatures have a great heart in proportion to their bodies.

By this kinde of discourse all Sciences have beene invented. For example, Physicians having by the tryall of many plants of Mercurie or of Parietarie observed, that they are laxatiue, haue thence gathered a generall rule, that all plants of Mercurie or Parietarie are laxatiue. Thus haue men attained to the knowledge of the causes of Eclipses, of Apoplexies, and of Flouds greater then ordinarie about the Æquinoxes by sundry particular observations.

An Example is an imperfect Induction. For in stead of many particulars we vse but one.

In naturall causes Examples are more forcible then in civill and voluntary actions: because naturall e-

Of Example.

vents are much more alike then civill and voluntary actions, which are subiect to many changes and chaunces. As if I should say, *Yesterday in the evening the skie being red, the day following proved faire*: this example hath some likelihood to proue, that seeing the skie is red this evening, to morrow it will proue a faire day. But if I say, *Philip digging his garden found a pot of gold*, it followeth not that *Alexander* digging shall haue the same hap.

Orators notwithstanding do much enlarge themselves vpon such examples. And by reason of the mischiefs which haue hapned to any one through drunkennesse, or lying, or anger, they vse to exhort others to shunne the same vices.



The tenth Chapter.

Of the Enumeration of parts.

THe Enumeration of parts is also a kinde of Syllogisme, serving to
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