

Two Observations about Stones found, the one in the Bladder of a Dogg, the other fastned to the Back-bone of a Horse: both mentioned in two Roman Journals de Letterati.

I. **T**HE Dogg was a pretty Spaniel, two palms and a half high, white, and an excellent setter for Quails. Being kept tyed, as such doggs are wont to be, he would rather have burst than urine or dung in the place where he was kept. By reason of his aptness to bite, he was cut when he was five years old, and two years after that, he began to urine with much difficulty. Whereupon as often as he was let loose, he ran presently into the Garden and fell to eat of *Pellitory of the Wall*, and *Fig-leaves*. This disease continued upon him for five years together, sometimes with that violence that his Master had him siringed, and anointed with oyl of Scorpions, and used other remedies to help the poor creature.

At length he died at twelve years of age, and being opened by a skilful Anatomist, there was found in his bladder a stone weighing an ounce, of an irregular figure, white, yet here and there with some reddish specks; and in the bottom of the bladder was found store of small white gravel, and in the mouth of the urinal passage a stone as big as a great pine-kernel, white and tender. The rest of the body was all swelled.

It may be noted here (*saieth the Italian Journalist*) that *Matthiolus* and others say, that the Juice of *Pellitory* doth much provoke urine; and that it doth so especially, when being heated upon a tile and sprinkled with a little Malmesey, it is applied to the part. And as to *Fig-leaves*, he adds, that Physicians adscribe to Figs an abstersive vertue. opening the body and cleansing the reins: Of which vertue the Leaves may perhaps participate. Thus Brutes seem to know, without any direction from a *Dioscorides*, or *Matthiolus*, or other Botanist, the herbs proper for their diseases.

II. The other Stone, that was fasten'd to the *back-bone* of a Spanish Gelding, that died at the age of between thirteen and fourteen years, weighed four ounces and an half; it was round

round and a little flattened; of an olive colour, marked with red specks, like coagulated blood; and so polished and shining, that it reflected Images. It was wrapped up in a membrane full of fat, and fastned on both ends to the back-bone, over against the Kidneys. Though this Horse had been dead twelve hours before it was opened; yet was it still very warm, and kept that warmth above six hours after it was opened. This stone is kept among the Rarities of Signor *Bartolini*, an Italian Riding-master.

An Account of some Books.

- I. *An ESSAY about the Origine and Vertues of GEMS; by the Honourable Robert Boyle Esquire, Fellow of the R. Society. Printed at London, 1672. in 8^o.*

THE design of the Noble Author of this excellent Treatise being, to propose and historically to illustrate therein some conjectures of his about the Consistence of the Matter of Precious Stones, and the Subjects wherein their chief vertues reside; he comprises the substance of all in these *two* particulars: *First*, That many of these Gems, and the Medical Stones, either were once *fluid Bodies*, as the Transparent ones, or in part made up of such substances as were once fluid. *Secondly*, That many of the *real* vertues of such Stones may be probably derived from the *mixture* of *Metalline* and other mineral substances, which are usually (though unsuspectedly) incorporated with them; and that the *greatness* of the Variety and Efficacy of those vertues may be attributed to some happy concurrent circumstances of that commixture.

The *first* of these Heads relateth properly to the *Origine* of *Gems*: the *second*, partly to that, and partly to the *kinds* and *degrees* of their *vertues*.

To countenance the former, the Author alledges for his *first* Argument several Considerations, taken first from the Diaphaneity of Gems; secondly, their external figuration; thirdly, their internal texture; fourthly, their Colours that seem to be adventitious and imparted by some coloured Mineral Juice, or some tinging Mineral exhalation, whilst the Stone was either