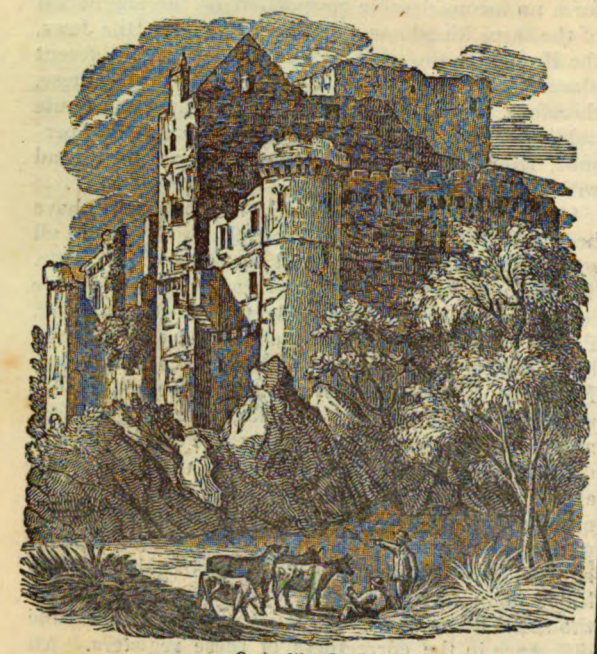
CRAIGMILLAR CASTLE.

This beautiful ruin is situated about three miles to the southward of Edinburgh. It stands on a circular rocky hill, and commands an extensive prospect on every side; comprehending the city of Edinburgh, the distant mountains of the Highlands, and the fine



Craigmillar Castle.

arm of the sea called the Firth of Forth. The front of the building is towards the north: over one of the doors is carved a press and a cask, in allusion, it is believed, to the name of *Preston*. It was surrounded by a thick rampart, thirty feet high, with parapets and turrets, of which a considerable part remains. There is an inner court of considerable extent; and there is also a very large outer court; on the west side of which there was erected a presbyterian meeting-house, in consequence of the indulgence granted to that persuasion by James VII of Scotland.

The period when this castle was built is not ascertained; which probably arises from the records, and other papers of a public nature, respecting Scotland, being lost in their conveyance by sea from London to Edinburgh; when, after having been carried away by Cromwell, they were ordered to be restored by Charles II; but the rampart, as appears by the inscription upon the gate, was built in 1427.

This castle was for some time the residence of James V, when he left Edinburgh on account of the plague. It was taken, and part of it demolished, by the English, in 1543, when Henry VIII invaded Scotland, in order to compel the young Queen of Scots to marry his son prince Edward.

Mary Queen of Scots resided for some time in this castle, after her return from France, in 1561. Her French servants took up their abode in a neighbouring village, which is yet known by the name of Little France; and a room in the castle is still called *Queen Mary's Drawing Room*.

The castle and surrounding estate belonged, so far back as the year 1374, to the family of Preston. They now belong to the descendants of Sir Thomas Gilmour, the great Scottish lawyer, who acquired the property about the time of the Revolution.

ALMOST all useful discoveries have been made. not by the brilliancy of genius, but by the diligent direction of the mind to one object. In all trades, in all professions, success can be expected only from undivided attention

LACE MADE BY CATERPILLARS.—A most extraordinary species of manufacture has been contrived by an officer of engineers residing at Munich. It consists of lace and veils, with open patterns in them, made entirely by caterpillars. The following is the mode of proceeding adopted. Having made a paste of the leaves of the plant on which the species of caterpillar he employs feeds, he spreads it thinly over a stone, or other flat substance, of the required size. He then, with a camel-hair pencil dipped in olive-oil, draws the pattern he wishes the insects to leave open. This stone is then placed in an inclined position, and a considerable number of the caterpillars are placed at the bottom. A peculiar species is chosen, which spins a strong web; and the animals commence at the bottom, eating and spinning their way up to the top, carefully avoiding every part touched by the oil, but devouring every other part of the paste. The extreme lightness of these veils, combined with some strength, is truly surprising. One of them, measuring 26½ by 17 inches, weighed only a grain and a half, a degree of lightness which will appear more strongly by contrast with other fabrics. One square yard of the substance of which these veils are made, weighs 4½ grains, whilst one square yard of silk gauze weighs 137 grains, and one souare yard of the finest net weighs 262½ grains.

GRATITUDE AND INGRATITUDE

GRATITUDE is a virtue disposing the mind to an inward sense and an outward acknowledgment of a benefit received, together with a readiness to return the same, or the like, as occasions of the doer of it shall require, and the abilities of the receiver extend to. INGRATITUDE is an insensibility of kindness received, without any endeavour either to acknowledge or repay them. Ingratitude sits on its throne with Pride at its right hand, and Cruelty at its left,—worthy supporters of such a state. You may rest upon this as an unfailing truth—That there neither is, nor ever was, any person remarkably ungrateful, who was not also insufferably proud; nor any one proud, who was not equally ungrateful.

Ingratitude overlooks all kindnesses; and this is because pride makes it carry its head so high. Ingratitude is too base to return a kindness, and too proud to regard it; much like the tops of mountains, barren indeed, but yet lofty; they produce nothing, they feed nobody, they clothe nobody, yet are high and stately, and look down upon all the world about them. It was ingratitude which put the poniard into Brutus's hand, but it was want of compassion which thrust it into Cæsar's heart.

Friendship consists properly in mutual offices, and a generous strife in alternate acts of kindness. But he who does a kindness to an ungrateful person, sets his seal to a flint, and sows his seed upon the sand:—upon the former he makes no impression, and from the latter he finds no production.—Dr. SOUTH.

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