gr Rifle Volunteers, the drill-room and armoury re mugnificent apartments, such as are seldom

no devoted to such a purpose.

A writer in a very useful work on the "Mandatures of Great Britain," asks somewhat triappantly, "What substitute could be found k-leather? a substance at once durable and splic, affording a protection from wet and from sell, expable of being formed into innumer, ble sell articles, and susceptible of a high degree denament, and supplying lining to our carreges and covers to our books." This book is published in 1848 under the direction of the "committee of general literature and education," at now in 1862, we have a substitute answergal the requirements here specified.

As to protection from wet and cold, the -hole American army is equipped in leather win in the shape of capes, leggings, and knapsche, our uphotsterers can vouch for its dura-Mit and electicity. The useful articles into nichit can be made, and the degree of ornaentation it can receive, are becoming every 'sy more manifest. We line our railway, our and carriages, and our hats with it; and us to muonks, if they are not covered with it they ight to be. Truly our progress in art and sciesdelying all prediction as to what we may .ta.complish, and rendering absolute many of ramiliar proverbs, and none more strikingly othen that 'there is nothing like leather."chonics' Magazine.

THE DUST HEAPS OF LONDON -The contents ierry dust bin in this vast London are carried The dustman receives a us periodically. all gratuity from each householder, and when this collected a cart load, he demands another Ling at the gate of the Paddington wharves be deposits it within their precincts. spis very valuable to the contractor, and a me one is said to be worth four or five thou-.d pounds. It has to be sifted, sorted and sposed of. We can give but a slight idea of iniscellaneous contents. Its chief constitutelement is cinders, mixed with bits of coal. in the carelessness and waste of thousands of sents, which the searchers pick out of the The largest and pto be sold forthwith. dof the cin ers also are selected for the use laundresses and braziers, whose purpose they Fer better than coke. The far greater reinder is called breeze, because it is the pora lest after the wind has blown the cinderl show it, through large upright iron sieveslandshaken elbow high by the women who, din the heap, whilst men throw up the stuff the sieves. The breeze and ashes also are to the brick makers, the ashes are mixed -the clay of the bricks, and the breeze is uss fuel to burn between their layers.

but the heap likewise includes soft ware and ware. The former includes all vegetable animal matter—all that will decompose.

All these are carried off to be employed as Sta'e fish and dead cats come into this list-the skins of the latter being stripped off by the sifters, who can sell them for fourpence or sixperce, according to their colour, white being most in request. The "bardware" does not merely mean broken pottery, though of this there is great abundance. Part of the pottery is matched and mended by the women who find it, and becomes their perquisites; the rest, with the oyster shells, is sold to make new roads. But hardware in the dust beaps means cage, which go to the paper makers; bones, which go to the bone boilers; old iron, brass and lead, to salesmen of those metals; broken glass, to old glass shops; old carpets, old mattresses, old boxes, old pails, old baskets, broken teaboards, cardlesticks, fenders, old silk handkerchiefs, knives, and salt cellars, not forgetting old shoes, which go in baskets to the "translators,' who turn old shoes into new; everything in short that the householder has thought "not worth mending," besides many a wasteful addition which the masters never knew, from mansions where recklessness and extravagance bear Some of the contents are the sifters' perquisites—a certain amount of cinders, and as much paper and wood as they can carry, and corks of bottles, by which alone some boast they can find themselves in shoe leather: pill boxes als , and gillipots, are their lawful pro-Jewelry, silver forks and spoons, and per!y. money, are occasionally found, and too often appropriated by the finder. One day a check for a considerable sum was discovered among the waste paper.

THE ROOK AND THE CATERPILLAR IN LUSS GLEN — A few weeks since a colony of caterpillars made an unwelcome lodgment in the beautiful oak copse in Luss Glen, the property of Sir James Colquhoun. In the course of a short time the trees, covering an aggregate space estimated at thirty acres, were completely stripped, and the trunks are now as bare of foliage as they are in the heart of winter. The hand of man was perfectly helpless against these pests. which marched forward, or rather which were eating their way onward, millions s'rong, and the utter destruction of this beautiful glen seemed only to be a question of time. At this stage a new adventurer appears on the scene; for it fortunately so happened that a wandering family of rooks flying over the glee, at once discovered that of which they were in quest-viz, rations in immeasurable abundance. They commenced an assualt upon the caternillars at once. and having dined most heartily, they generously departed to make proclamation to all the rook brotherhood of the land of Goshen upon which they had lighted. Although the nearest rookery is eight miles distant, an advanced guard set out from it without a moment's delay, and was immediately followed by the whole force of the