moon at full looked down from the middle heavens, andimmed by arsingle cloud; but far to the west there was a guthering wreath of vapor, and a lunar rainbow stretched its arch in pale beauty across a secluded Highland valleg. A wide river rolled at the foot of the wooded terrace; but a low silvery fog had risen over it, bounded on both sides by the live of water and bank; and I could ece it stretching its huge saake-like length adomn the hollow, winding with the stream, and diminishing in the distance. 'lhe frosts of autumn bad dyed the foliage of the wood; the tiecs rose aronad me in their winding-sheets of bromn, and crimson, and yellow, or stretched, in more exposed openinge, their naked arms to the sliy. There was a dark muor beyond the log-covered river, that seemed to absorb the light; but directly under the nearcst hill, which rose like a pyramid, there was a tall solitary ruin standing out from the darknoss, like the sheeted spectre of a giant. The distant glens glimuered indistinct to the eye ; but the tirst suows of the season had tipped the upper eminences with white, and they stood out in bold prominent relief, nearer, apparently, than even the middle ground of the landscape. The whole was exquisitely beauti-ful-a seene to be once seen aud ever remem-bered.-Essays by Hugh Miller.

Planted isy Nature.-Some seeds when ripe are provided with hooks made to catch hold of pussing animals, which after a time, get rid of thein by rolling on the ground. 'l'hose seeds which are surrounded by a succulent pulp, and are ewalloxed by birds and quadrupeds, are generally favourably consigued to the carth. Most seeds pass uninjured throagh the stomach aud intestives of all animals, with the exception of gallinaceous fowls. Currant seeds, af:er having been eaten by man, can germinate. Foxes sow sceds of we craberry (vaccinum) after eating its red berries. Apple and peir treis are often found in ditches and under hedges, proceeding, it is said, from fruit which has been devoured by peasants. Furmers are often astonished when, pifter haviog, as they think, perfectly prepared their fields, und sown excellent corn, on reapiug they fiad some places covered only with nseless oats. In other cases, manifers and birds devour only a portion of seeds while the rest fall and become prodactive. When the squirrel shakes the cone of the pive tree to obtain the seeds, a great number fall to the ground and are lost to him. The iohabjtants of Iceland call a particular sort of nnt "rat's nut," from the circamstance that the rats gather them in great numbers, and hide them in the gronnd. But as the rats are very ofen killed by one or other of their enemies, the puts are often loft to germinate. Seeds falling into worm-holes are sure to germinate, as well as seeds which drop into subterraneous
passages made hy the moles to ensaare nor and insects. The hog by tearing up theay as with a ploughshare, prepares it for the reer tion of seeds. The hedgehor passes his life: doing the same scrvice. -Dickens's All', Year Round.

Forest Trees.-From-tie manrer in wh the Germans preserve and improve their fore our countrymen might take a valuable lesson. Hohenbeim, this furms one of the most impo ant departments of study. The pupils ara: structed in the best method of preserving, $\beta \pi$ agaling, and improving their forest trees, nt at the same time a proper estimation of the cuniary and moral value of those prodacir of nature is i.stilled into their minds, 成 must eveutually become the common sentiax Our peopie must give attention to thissbli sooner or later; and every day's neglect of: practical ecience will entail evils upon oa which years of labor cun bardly make ams We do not as people appreciate the ralo our forest. Negligently, carelessly and mest ly, we are destroying them on every side considering that in them lies a mine of not wealth; for the time comes with everg pe when they can tura their own nataral prodact to the most advantagenus use for thers:" and this law applies as firmly to the treas: the coals and various mineral ores. convection and family health, enjojmeet comfori, with a grove of primeval forest. about the homestead, never entered practical beads of our fathers; and their. true to the example before them, parsacd same suicidal course. Down came tae loity and the beautiful maple, leaving the hom to parch, and the saring to dry up in these ing rays of the sun.

If there are any exceptions here and you will fiod the valne of the farm inctit thousand fold, simply hecanse the trees let alone; and what if they have been calif with proper care? All along the line of the road in Southern Germany, I saw acressed of forests trees, from ten to fifteen and pk. twenty gears old, planted in rows as reg. corn is with us, and all culizated in the scientific mander.

When will our peop'e Jearn wisdom in matter. Will tbey heed the warding ofit? World-listen to the admonitions anja of science, and be pradent in good timel( they wait to learo it too late fron theis experience?-Fsild Notes

In a soil unmanured the prodace 5 as fold, the nitrogenous substaeces being the non-nitrogenous sabstorces 66.7 : parts. In the same soil manared with" haulms, tee prodube was five-fold, thani being 9.6 and the non-nitrogenoas 6.5 cent.

