

ON HAIR.—Hair is the dry, round, elastic fibres or filaments that arise from the skin, and are fed by the medullary juices. It is found on the "Mammalia" tribe, on every part of the body except on the soles of the feet, and on the palms of the hands; and in the shape of hair, bristles, wool, scales, and spines, is found much diffused over the animal creation. Hair grows in vascular pulps, with the roots enclosed in bulb-shaped capsules, situated within the skin; it is of a horny nature, and composed of smooth lamella placed over one another like zones, which increase by thrusting the parts forward as in nails, and not by a liquor flowing along the tubes as in plants. The felting property is owing to this quality in hair, and carried forward in wool, and in bristles, and other hairs; the horny substances are arranged like the woody fibres of a cane. Hair burned to ashes has given iron and magnesia, phosphate, sulphate, and carbonate of lime, muriate of soda, and a considerable portion of silica. Gelatine is produced by boiling it, and imparts the flexible toughness; continued boiling dissipates the gelatine, and the remains are brittle, crumble to pieces between the fingers, and resemble coagulated albumen, in being insoluble in water. White hair yields magnesia, which is wanting in the other colours; and red hair contains less iron and manganese, the ashes do not exceed 0.15 part of the hair.

Hair is composed of—

1. Animal matter chiefly.
1. White solid oil, small quantity.
3. Greyish green oil more abundant.
4. Iron.
5. Oxide of manganese.
6. Phosphate of iron.
7. Carbonate of lime.
8. Silica.
9. Sulphur.

The animal matters are chiefly gelatine and albumen, and a substance resembling both, and the operation of hair as a manure, is similar to bones and horn-shavings. It has been sold at 1s 6d per bushel, and 30 bushels have been applied to an acre, and may be covered in the land by one ploughing, or mixed with earths in composts.

INFLUENCES OF THE DWELLING.—We talk about houses, my friend: we look at houses; but how little the stranger knows of what they are! Search from cellar to garret some old country house, in which successive generations of boys and girls have grown up, but be sure that the least part of it is that which you can see, and not the most accurate inventory that ever was drawn up by appraiser will include half its belongings. There are old memories crowding about every corner of that home unknown to us: to minds and hearts far away in India and Australia everything about it is sublimed, saddened, transfigured into something different from what it is to you and me. You know for yourself, my reader, whether there be not present elsewhere

about the window where you sat when a and learned your lessons, the table once rounded by many merry young faces which not surround it again in this world, the fire where your father sat, the chamber where sister died. Very little indeed can sense descend showing us the Home; or towards show us any scene which has been associated with human life and feeling and embalmed in man memories. The same few hundred y along the seashore, which are nothing to man but so much ribbed sea-sand and so murmuring water, may be to another some to quicken the heart's beating and bring the to the cheek. The same green path through sprig-clad trees, with the primroses grow beneath them, which lives in one memory after year with its fresh vividness undimmed may be in another merely a vague recollection recalled with difficulty or not at all.

Each in his hidden sphere of joy and woe,
Our hermit spirits dwell and range apart;
Our eyes see all around in gloom or glow,—
Hues of their own fresh borrowed from heart.

—Recreations of a Country Parson.

PRINCE EDWARD ISLAND.—The following statistics from the *Prince Edward Islander*, show only the capacity of the Island, but the increase it has been making in agricultural wealth during the past twenty years. Amounts shown are not the whole produce, only the exports, for the years mentioned;

	1838.	1840.
Oats, bushel,	155,783	1,111,9
Barley, "	23,601	97,9
Potatoes, "	167,596	465,3
Turnips, "	6,341	24,9
Dry fish, qtls.,	3,810	19,7
Pickled fish, lbs.,	1,482	10,7

Editorial Notices &c.

THE NORTH BRITISH REVIEW.—MAY 1861. BY WOODS' EDINBURGH MAGAZINE FOR JUNE. York, Leonard Scott & Co. Toronto, Rowsell.

The *North British* may now be said to have regained the high literary character under new management, for which it was distinguished during its earlier career. The able attack on the American secession; present movements in the Church of England; Railway accidents and the Educational Question, will be read with great interest and profit on this side of the Atlantic. Several other articles treating on subjects that have a wide spread interest, equally able. *Blackwood*, as usual, is fit.