

ates the speed, saves a large amount of wear and tear to the machinery; and almost entirely obviates that unpleasant jarring sensation, which no doubt has been felt by all travellers on Steamboats. The *Northerner*, one of the Ontario and St Lawrence Steamboat Co's. best boats on this lake, has had Mr. Weeks' newly invented wheels in operation since the opening of navigation; the experiment has fully satisfied the most sanguine expectations of the inventor, and gives great satisfaction to the officers and owners of this justly celebrated Steamer.

FLOWERS.

FROM CHAMBERS' POCKET MISCELLANY.

Wildings of nature, or cultured with care,
Ye are beautiful, beautiful everywhere!
Gemming the woodland, the glen and the glade,
Drinking the sunbeams or courting the shade;
Gilding the moorland and mountain afar,
Shining in glory in garden parterre.
Ye bloom in the palace, ye bloom in the hall,
Ye bloom on the top of the mouldering wall;
Ye bloom in the cottage, the cottager's pride—
The window looks cold with no flowers by its side;
Ye twine up the trellis, ye bloom in our bowers,
Ye carpet creation, ye beautiful flowers!

Did angels descend from their home in the skies,
To pencil those petals with exquisite dyes?
To store in your cells the rich odours of heaven,
Was employment so meet unto seraphim given?
Ye answer me: No; 'twas an Almighty hand
That clothed you in beauty, and bade ye expand.
Rich gems of creation, that ravish the sight,
And pour on the senses supernal delight;
Wildings of nature, or cultured with care,
Ye are beautiful, beautiful everywhere!

When morn's early beams gild the glorious east,
Your incense ascends unto Nature's High-Priest;
When sunset foreshadows the day's dewy close,
Ye fold up your petals for welcome repose.
Your odours impregnate with health every breeze,
Ye furnish a feast for the banqueting bees;
Ye promise in eloquent language, though mute,
Boughs bending with offerings of delicate fruit;
Ye tell, when your glory and fragrance is o'er,
That Autumn shall come with his rich gushing store.

Sweet'ners of life, ye are infancy's play;
To boyhood's bright dream, O what charms ye display!
In years more mature we but love you the more,
As tracing veiled beauties undreamt of before.
To childhood, to manhood, to age ye are dear;
Ye are strewn at the bridal and strewn on the bier;
Fair flowers even there soothe the lone mourner's woes,
And hallow the turf where loved ashes repose.
Wildings of nature, or cultured with care,
Ye are beautiful, beautiful everywhere!

JOHN PALMER.

Annan, July 11, 1851.

DEVON CATTLE IN GEORGIA.—The editor of the Southern Cultivator says, "The climate of the south seems especially adapted to the growth and development of the Devon, and we shall probably see, ere long, some noble animals of this breed from the fine herds now among us. Georgia is at present far in advance of her sister states of the south in this matter; and if her enterprising importers and breeders are true to themselves, and continue to press forward as they have begun, she can, at no distant day, justly lay claim to the title of the Devonshire of America."

CAUSE OF TUBERCLES IN COWS. If young and healthy cows be brought from the country into the city, and confined to stalls attached to *dairies*, they at first become fat and sleek; but after some time, several of them are observed to grow thin, become unhealthy and if not speedily removed, fall into a state of *marasmus*. After death, tubercles are found in several textures of the carcass.—*Andral*.

THE HUMAN FAMILY.—From an interesting statistical digest just published, it appears that the human family numbers 700,000,000, and its annual loss by death is 18,000,000, which produces 624,400 tons of animal matter, which, in turn, generates, by decomposition, 9,000,000,000,000 cubic feet of gases, which are cleared away from the atmosphere by vegetable matter decomposing and assimilating them for their own uses.—*Eclectic Journal*.

TO FATTEN POULTRY.—Shut them up in the dark, gorge them with boiled food, and allow them a small quantity of charcoal daily. Every meal that a man makes on such food adds a nail to his coffin.

AGRICULTURAL COLLEGE.—We learn that a course of instruction in agriculture is now in progress at Western Reserve College, Jefferson, Ohio, under Professor Forrest Shepherd.

Answers to Correspondents.

RECEIVED.—"Proceedings of the Agricultural Society of the United Counties of Frontenac, Lennox and Addington," Major Lachlan's Lecture before the Natural History Society of Montreal; a Circular on Butter making from W. M., Brockville; and a letter of the late Mr. Smythies, from Mr. Sotham;—all of which shall receive attention in our next.

VENTILATING STABLES.—Tyro will find some remarks on the qualities and methods of fixing Ammoniac. Gas in Professor Croft's paper in our last number that will facilitate his enquiries. There can be no doubt whatever that this volatile gas injurious affects the sight of horses, and induces disease, when they are exposed to its influence in close, hot stable Cleanliness and a free admission of fresh air, are necessary to the health and well-being of domesticated animals, confined within build'ings, as to the Sulphate of lime or Plaster, [not common lime, or Carbonate] moistened with diluted Sulphuric Acid [oil of vitriol] and sprinkled daily over the floor the stable will readily absorb ammonia, and change it into a solid form; which compound, by the bye, an excellent manure. Charcoal, whether obtained from wood or peat, broken fine and applied in