

POETRY.

Scorn not Love.

Scorn not love, the hallowed vision,
Not deny it bright and pure;
It can make this earth Elysian,
And win's darkest stains obscure.

Slander not the faithful spirit;
Scorn not hearts to softness prone;
Love's a dower we all inherit
Only from the Eternal throne.

Shun not when bright eyes are swimming;
Beaming softly through the tears
Which their lustre now are dimming—
Lo! a soul Divine appears!

Smile not when young lips shall tremble;
On the bravest heart must quail
Ere life's teacheth to dissemble—
Ere the star of truth shine pale.

Never spurn the warm affection
Gushing fresh from purest spring,
Least thou call'st to life's dejection;
Doubt and grief leave time to bring.

Send not thou unblest, despairing,
From thy heart the hearts that seek
Rest from woes beyond their bearing;
Some are strong and some are weak.

Can'st thou meet the Tempter boldly?
Bear life's troubles bravely calm?
Treat not, therefore, coldly
Those who need affection's balm!

Are thou proof against temptation?
Lo! some fall on every side;
Help them, then, to keep their station—
Stand not by in scornful pride.

Said not one in long-gone ages,
"Strong upon, strengthen ye the weak?"
Ever from historic pages
Thus still seers and martyrs speak.

Be a light and not a darkness!
Be a helper not a snare!
For the sea on which we embark is
Fraught with perils everywhere.

AGRICULTURAL.

Weights and Measures

Of various Farm Products and other things
in Various Countries.

In England and America grain is generally rated by the bushel, though it is not the same measure; for here we use the Winchester bushel, which contains 2,150 42-100 cubic inches. There, since 1826, the legal measure is called the imperial bushel, which contains 2,218 cubic inches; so that 32 of their bushels are about equal to 33 of ours.

The following are the commercial weights of a bushel of different articles, viz: Wheat, beans, potatoes and cloverseed 60 pounds; Corn, rye, flaxseed and onions, 56 pounds; Corn on the cob weighs 48 pounds; Buckwheat, 52; barley, 48; hemp seed, 44; timothy seed 45; castor beans 46; oats 35; bran 20; bluegrass seed 14; salt 50, according to one account but Onondaga salt is 56, (the real weight of coarse salt is 55 pounds to the bushel;) dried apples, 24; dried peaches 33; according to a table lately published in numerous papers; but according to our experience both are wrong. We have seen thousands of bushels sold at 22 pounds to the bushel, which will measure about three pecks.

Heaping Measures.—Potatoes, turnips, and esculent roots, apples and other fruits, meal and bran, and in some States, oats, are sold by heaping measure, which contains 2,815 cubic inches. The size of a Winchester bushel measure is a circular ring with straight sides 8 inches high and 18 1/2 in diameter. A box 12 inches square, with sides 7 1/2 inches high, will hold half a bushel.

Comparative Grain Measures.—Besides the differences between the Winchester and imperial and heaped bushels, as before stated, there are a dozen or more local bushels. For instance, at Abington, Eng. 9 gallons; at Penrith, 16; at Carlisle, 24 at Chester, 32, &c. In France, the setier is 4,427 to 1,000 compared with the imperial bushel; that is 4,427/1,000 bushels. In Holland the mudder is as 3.157. In Prussia, the scheffel, 1,479. In Poland, the korso, 1,451. In Spain, the fanega, 1,599; that is, 99-1,000 over a bushel and a half.

Barrel Measures.—Rice 600 pounds; flour 196 pounds; powder 25 pounds; cider and other liquids 30 gallons; corn 5 bushels, shelled. By this latter measure crops are estimated, and corn bought and sold throughout most of the Southern and Western States. At New Orleans, a barrel of corn is a flour barrel full of ears. In some parts of the West it is common to count a hundred ears for a bushel.

Ton Weight and Ton Measure.—A ton of hay or any coarse bulky article usually sold by measure, is twenty gross hundred; that is, 2,240 pounds; though in many places that ridiculous old fashion is being done away and 2,000 pounds only counted to a ton. A ton of timber, if round, consists of 40 cubic feet, if square 54 feet. A ton of wine is 252 gallons.

A Quarter of Corn is the fourth of a ton or eight imperial bushels. This is an English measure, not in use in this country, though very necessary to be known, so as to understand agricultural reports. So of several of the following weights and measures.

A Last of soap, ashes, herring, &c. 12 barrels; of corn 10 quarters; of gunpowder 24 barrels; of flax or feathers 1,700; of wool 12 sacks.

A Sack of Wool is 22 stone; that is, 14 pounds to the stone, 308 pounds.

A Bull of Wool is the same weight.

A Pack of Wool is 17 stone, 2 pounds = 240 pounds, a pack load for a horse.

A Ton of Wool is 2 stone, that is 28 pounds; 6-12 tons 1 way; and 2 ways a sack.

A Clove of Wool is 7 pounds, or half a stone. Recollect, a stone is 14 pounds, when talking of wool, feathers, &c., but when applied to beef, fish, and other meats, it is only 8 pounds.

A Truss of Hay, new, 60 pounds; old 56; of straw, 40 pounds. A load 36 trusses.

A Ficken of Butter is 66 pounds; a tub 84 pounds.

A Scotch Pint contains 105 cubic inches and is equal to 4 English pints.

A Farlot of Wheat is 21 1/4 Scotch pints.

Troy Weight and Avoirdupois Weight.—One hundred and forty-four pounds avoirdupois are equal to 175 pounds Troy—175 ounces Troy are equal to 192 ounces avoirdupois. All precious metals are bought and sold by Troy weight.

The kilogramme of France is 1,000 grammes and equal to 2 pounds 2 ounces, 4 grains avoirdupois.

A Chaldron of Coal is 68 3/4 cubic feet generally estimated 36 bushels. A bushel of anthracite coal weighs 80 pounds, which makes the weight of a chaldron 2,880.

Weight of a Cubic Foot.—Of sand or loose earth 95 pounds; compact soil 124; a strong or clayey soil 127; pure clay 135 mixture of stones and clay 160; masonry of stone 205; brick 125; cast iron 450; steel 489; copper 486; lead 709; silver 654; gold 1203; Platinum 1218; glass 180; water 62; tallow 59; cork 15; oak timber 73; mahogany 66; air 0.0753. In the above, fractions are discarded.

A Bale of Cotton, in Egypt, is 90 pounds; in America, a commercial bale is 400 pounds, but is put up in different States varying from 280 to 720 pounds. Sea Island cotton is put up in sacks of 300 pounds.

A Bale of Hay is 300 pounds.

A Cord of Wood is 128 solid feet, usually put up 8 feet long, 4 feet wide and 4 feet high. In France a cord of wood is 576 feet.

A Stack of Wood is 108 solid feet; 12 feet long, 3 high and 3 wide.

A Skid of Wood is a round bundle of small staves, 4 feet long, girthing for a one notch, 16 inches; two-notch, 33 inches; three-notch, 28 inches; four-notch, 33 inches; five-notch, 38 inches.

A Billet of wood is similar to a skid, being 3 feet long, 7, 10 and 14 inches round. They are sold by the score or hundred. A score is 20 in number.

Faggots are bundles of brush 3 feet long and 2 feet round. A load of faggots is 50 such bundles.

A quintal of wood is 100 pounds. All fuel should be sold by the pound.

A Perch of Stone is 25 cubic feet, piled or 22 in the wall.

Line and Sand to a perch of stone. Three pecks of lime, and two-thirds of a one-horse cart load of sand.

Weight of Lime.—A bushel of limestone weighs 112 pounds; after it is burned, if weighed directly from the kiln, 75 pounds; showing that 67 pounds of carbonic acid and water have been driven off by fire. This bushel of lime will absorb 20 pounds of water, gradually applied during several days, and will then be in a state of dry powder, weighing 96 pounds; showing that 18 pounds of water have been converted into a solid, dry substance.

To Measure a Ton of Hay.—One hundred cubic feet of hay, in a solid mow or stack, will weigh a ton.

To Measure Cattle by Composite Weight.—Ascertain the girth back of the shoulders, and the length along the back, from the square of the buttock, to a point even with the point of the shoulder blade; say the girth is 6 feet 4 inches, and the length 5 feet 3 inches, which multiplied together, gives 31 feet. Multiply this by 23, the number of pounds allowed to the foot, between 5 and 7 feet girth, and the result is 713 pounds, for the number of pounds of beef in the four quarters.

Girths, from 7 to 9 feet, allow 31 pounds to the foot. Cattle must be fat and square built to hold out weight.

To Measure Grain in Bins, multiply the length and width together, and that product by the height in cubic inches, and divide by 2,150, and you have the number of bushels.

To Measure Corn in the Ear, find the cubic inches as above, and divide by 2,815, the cubic inches in a heaped bushel, and take two-thirds of the quotient for the number of bushels of shelled corn. This is upon the rule of giving three heaping half-bushels of ears to make a bushel of grain. Some falls short and some overruns this measure.

Board Measure.—Boards are sold by face measure. Multiply the width in inches of any number of pieces of equal length, by the inches of the length. Divide by 144, and the quotient is the number of feet, for any thickness under an inch. Every fourth inch increase of thickness adds a fourth to the number of feet in the face measure.

Land Measure.—Every farmer should have a rod measure, a light staff pole, use 16 1/2 feet long, for measuring land. By a little practice he can learn to step just a rod at five steps, which will answer very well for ordinary farm work. Ascertain the number of rods in width and length of any lot you wish to measure, and multiply one into the other, and divide by 160, and you have the number of acres, as 160 square rods make a square acre. If you wish to lay off one acre square, measure 13 rods upon each side. This lays one rod of being full measure.

[CONCLUDED NEXT WEEK.]

AMERICAN AND ORIGINAL.

THE KNICKERBOCKER MAGAZINE.

EDITED BY LOUIS GAYETTE CHAMBERLAIN.
THE number for January, 1856, begins the Forty-second Volume of the Knickerbocker Magazine.

Since the price of subscription has been reduced from five to three dollars a year, the circulation of the Knickerbocker has been increased nearly four to one. In many places, it is now the most popular magazine of the day, and through the year it has been steadily increasing. It is now offered as cheap as any of the magazines, all things considered. Instead of making new and prodigious promises, we submit a few extracts from notices of late numbers, which we might extend to a number of pages.

"Those familiar with the Editor's Monthly 'Gossip with his Readers' have doubtless, with ourselves, admired the panoramic source of its wit and humor. In this number 'The Gossip' holds on its way like some fair rivalet glancing and dancing in the sunshine of a May morning. We used to wonder how Mr. Clark could hold out, expecting he must certainly 'let down' in the coming number; but this number gives no sign of exhaustion."

[National Intelligencer, Washington.]

"Phœnix, genial, delightful 'Old Knick'! Thy name is a suggestion of things defensible; the sight of thy modest, fresh cover, a balm to the weary eye; a glance within thee, a antidote for the blues. Thou hast given to kindly humor, to pleasant delineation, and to side-splitting fun, a local habitation, without which they might go wandering over the domain of letters, calling now and then where a friendly door opened to them but refusing to be comforted for the loss of their old dear home."

"The great care evinced in the selection of articles that no contributor meets the eye of the reader but those which are known to be worthy of his personal. When storms and wild tempests are sweeping over our hill-side village in these chill winter months, and drear and desolate without, we ask for no more agreeable companion than the 'Knick'—a volume that is a treasure-house of wit and humor, and a source of pleasure and instruction. It is a sovereign specific for all the blues or attacks of the horrors, and time passes merrily on."—Democrat, Doylestown, Penn.

"The Knickerbocker has been and will be a fact of its own; a genuine living thing, all the more desirable now that the new crop of magazines, filled with articles pirated from English authors, makes fresh home creations more conspicuous and welcome."

[New York Christian Inquirer.]

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Glenwood, Iowa, Oct. 23, 1856.—141

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