

For the Farmer's Advocate.

Productiveness of Nature.

A case of productiveness is mentioned in the Philosophical Transactions of an extraordinary nature. A Mr. Millar, by repeated divisions, obtained from a single seed of wheat 500 plants, which yielded 21,109 good ears, and about 576,840 grains, weighing 47 pounds, all the produce of a single grain. A dwarf pea has been known to produce 88 pods, containing 386 peas; and another to produce 105 pods and 305 peas. A peach tree produced 1560 fine peaches, besides a great number shriveled away in the early part of the season. A naturalist found in a white moss rose tree 520 flowers, 460 buds. A common scarlet bean has been known to produce 100 pods, with five full formed beans in each pod, or 500 from a single one sown. On a single oat stalk have been counted 237 grains, on another 251, a third 283. Another reports that in 1824, a single grain of oats, having fallen on a quantity of burned clay, produced 10 stems and 2,945 grains. In the natural productions of the earth, says the San Francisco Herald, California is abundantly prolific, yielding nearly every production which severally distinguishes the several sections of the old States—as the fruits and grains of the northern and middle States, the corn, tobacco and hemp of Virginia, the cotton of Alabama, the sugar of Louisiana, the rice of South Carolina, the indigo of Texas, and, we may add, the fruits and products of tropical lands. But what we are especially concerned to notice at present are the gigantic growths of that country. The authority quoted tells us of red wood trees 60 feet in circumference, 380 feet in height, and 250 feet without a branch. Of a cabbage 13 inches diameter, a turnip of the diameter of a flour barrel. An onion weighing 21 pounds, a beet 63 pounds, and a carrot 3 feet long and of 40 pounds weight. These may be superlatives, but they do exist, and they show what the climate and soil are capable of producing. The growth of grasses and grains are quite as extraordinary. There is Shelton's mammoth clover, with stalks from one root covering an area of 31 square feet, some of the stalks six feet long and half an inch in diameter, with a blossom five inches in circumference. A single lily stalk produced 100 flowers; the stalks of oats 13 feet high; wheat and barley having 150 to 200 mammoth stalks springing from one root, the produce of one seed.

The editor of the New England Farmer says he has seen a stalk of barley which is somewhat a wonder in the vegetable world. It is the product of a single seed, and measures near the roots 13 inches in circumference. From this one root there sprung 112 vigorous stems, and 14,148 kernels of barley. It grew near a spring, where it had plenty of water; its stalks were about six feet high, and each head had six rows of kernels. In Canterbury a pear tree, in July, on one side was loaded with fruit, and on the other was covered with blossoms. But the most remarkable instance of the kind, and one indicating a nearer approach to fruit trees in a tropical climate, happened in the same year; near Winchester a pear tree blossomed in May and the fruit was fine and full; it blossomed in June, and the fruit reached the size of an egg; in July more blossoms appeared, which produced fruit as large as a chestnut; in August it put forth blossoms again, which were followed by fruit not larger than a pea. Strawberries occasionally blossom twice, and sometimes bear a second crop.

J. ADAMS.

Uxbridge, May 8, 1870.

An old man named Philip Burch, nearly 50 years of age, was charged before the Barnstable borough magistrates with assaulting Mary Stephens. It appears that the defendant met the complainant in the market and suddenly scratched her arm with a needle, causing it to bleed. On being questioned by her as to his conduct, he replied, "You have had power over me long enough, and now I will be revenged." The old man, in answer to the charge, told the Bench that he had been persuaded by more than 100 persons that if he could "fetch" the blood of the woman he should be able to overcome her. He went on to state that he had suffered affliction through Mary Stephens for the last five years, and had four complaints upon him at once; he had also lost 14 canaries and about 50 goldfinches. He was fined 2s. 6d. and costs, with the alternative of seven days' imprisonment.

Youth's Department.**Answers.**

TO ILLUSTRATED REBUS.

Correct answer by Joseph Cobbleddick, of McGillivray.

Time with his scythe doth cut down all, Both black and white, and great and small.

TO WORD PUZZLES.

Joseph Cobbleddick sends correct answers to 1, 3 and 5.

1. Often. Take away of, ten will remain.
2. Sixty. Take away ty, six will remain.
3. The letter carrier. Take away all his letters he is still the letter carrier.
4. United. Transpose the i, and it becomes untied.
5. A. It is used twice in America.
6. In the days of Noah (no a) before u and i were born.
7. A blacksmith raises a row in the alphabet when he makes a poke r and shove l (a poker and shovel).
8. Dk (decay). The fate of all things.

Enigma.

I am composed of 12 letters.
My 3, 5, 4 is an animal.
My 6, 5, 3, 6, 5, is a title.
My 12, 2, 2, 4 is an orb which reflects light.
My 7, 10, 9, 9 is an account.
My 1, 8, 4 is the luminary of day.
My 1, 2, 9 is a heat dispenser.
My 7, 9, 5, 12 is a soother.
My 9, 10, 6, 4 is to draw or paint.
My 9, 5, 11, 1 is a title for a girl.
My whole is a state of unconsciousness.

BELL.

Charade.

Old Roger O'Hare
Once went to the fair;
My first he took with him to sell;
A purchaser came
And wished him to name
A price, which was all very well.

The bargain was made,
But the money not paid,
When a stranger appeared on the scene;
Claimed Roger as friend,
Vowed he'd money to spend,
So they went to the sign of the Queen.

Now Roger was dry,
The company sly,
And knew how to humor his taste;
Soon he was fuddled,
His senses quite muddled,
When they gave him my second in haste.

That Roger was green,
You all think, I ween,
As the meadow which lies near his home;
Where my whole you may see,
Blooming fresh on the lea,
If that way you should happen to roam.

Anagram.

Eosm rruum enhw rihte ysk si alcer,
Dan lyihw ghbtir ot wive,
Fi con Islam cepsk fo akdr praape
Ni hirt etrag veehna fo uleb;
Nad mose twih kufalht oley rae hildef
Fi ubt noe kertas fo fighl,
Eno ary fo osdg dogo remyc lgid
Het kanderss fo rieth ighn. P. S.

Riddle.

In ancient days, which the Scriptures do record,
There lived one who did obey the Lord;
He lived and died and never spoke a word;
He had a soul within him, as the Scriptures do us tell;
But when he died he neither went
To Heaven nor to Hell.

Answers next month.

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London Markets.

LONDON, TUESDAY, MAY 31, 1870.

Grain.		
White Wheat, per bush	85 to	95
Red Fall Wheat	80 to	88
Spring Wheat	85 to	94
Barley	40 to	44
“ good malting	45 to	45
Peas	55 to	61
Oats	34 to	35
Corn	65 to	75
Buckwheat	40 to	45
Rye	45 to	50

Produce.		
Pork, per 100 lbs	7 00 to	7 50
Hay, per ton	8 00 to	10 00
Potatoes, per bush	34 to	35
Carrots, per bushel	16 to	18
White Beans, per bush	75 to	1 00
Apples, per bush	60 to	1 00
Dried Apples, per bush	1 75 to	2 00
Hops, per lb	10 to	11
Clover Seed	7 50 to	8 00
Flax Seed, per bush	1 50 to	1 75
Cordwood	3 75 to	4 00

Great Western Railway.

GOING WEST.—Steamboat Express, 2.40 a.m.; Night Express, 4.20 a.m.; Mixed (Local), 7.00 a.m.; Morning Express, 12.50 p.m.; Pacific Express, 5.45 p.m. GOING EAST.—Accommodation, 6.00 a.m.; Atlantic Express, 8.50 a.m.; Day Express, 12.40 p.m.; London Express, 4.00 p.m.; Night Express, 10.50 p.m.; Special N.Y. Express, 12.05 a.m.

Grand Trunk Railway.

Mail Train for Toronto, &c., 7.00 a.m.; Day Express for Sarnia, Detroit and Toronto, 11.30 p.m.; Accommodation for St. Mary's, 3.30 p.m. Express for St. Mary's and Goderich, 6.30 p.m.

London and Port Stanley.

LEAVE LONDON.—Morning Train, 7.30 a.m.; Afternoon Train, 3.00 p.m. LEAVE PORT STANLEY.—Morning Train, 9.30 a.m.; Afternoon Train, 5.10 p.m.

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WISHING to give more attention to the raising of BEES and QUEENS, I offer the following inducements till the close of the coming Provincial Fair:—

To any person sending \$3, I will send my Single Boarded Hive, with improved entrance, price \$3; or an Individual Right, price \$3, and my dollar book on Bee Culture, soon to be published. Tickets will be sent for the Book. For \$5, both Hive and Right, or an Italian Queen and the Book. For \$10, or the highest bid above that, during the next six weeks, a Township right and the Book. For \$12, or the highest bid above that, a Township Right one Hive, and the Book. For \$40, or the highest bid above that, a Right for the entire Province of Quebec, with the exception of two or three counties that are sold. This right is worth \$250. Sale of Townships not to interfere with the sale of Hives upon the above condition. Also, for \$200, or the highest bid above, I will sell a Patent for a Self-Oiling Carriage Hub, lately introduced. Specimen Carriage to be seen at Brooklin, Ont. This Patent is worth \$2,000.

J. H. THOMAS.

Brooklin, Ont., June 1, 1870.

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TO THE WORKING CLASS.—We are now prepared to furnish all classes with constant employment at home, the whole of the time or for the spare moments. Business new, light and profitable. Persons of either sex easily earn from 25c. to 45c. per evening, and a proportional share by devoting their whole time to the business. Boys and girls can nearly as much as men. That all who see this notice may send their address, and test the business, we make this unparalleled offer: To such as are not well satisfied, we will send \$1 to pay for the trouble of writing. Full particulars, a valuable sample which will do to commence work on, and a copy of *The People's Literary Companion*—one of the largest and best family newspapers published—all sent free by mail. Reader, if you want permanent, profitable work, address E. C. ALLEN & CO., AUGUSTA, MAINE.

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CURRENTS—BLACK NAPLES, RED Cherry, Short-bunched Red, La Versailles, Red and White Grape, \$1.50 to \$2 per doz.

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GRAPES—Delaware, Diana, Concord, Hartford, Prolific, Isabella, Clinton, Ontario, &c., &c., 50c. each, or \$5 per doz.

STRAWBERRIES—Triumph de Gaud, Wilson's Albany, Agriculturist, Jucunda, Trollop's Victoria, &c., 25c. per doz., or \$2 per 100.

BERRY PRIVET & TARTARIAN HONEYSUCKLE, for hedges, 1 and 2 year old, from \$1.50 to \$2 per 100.

ASPARAGUS—Grayson's Giant, two years' old, \$1.50 per 100.

POTATOES—Harrison, Early Goodrich, Early Rose, Garnet Chili, Black Diamond, &c., from \$1 to \$2 per bush.

For sale by PONTY & TAYLOR, Westminster Nursery, five minutes' walk from Westminster Bridge, near "Ivy Green" Tavern. Box 66 F, P.O., London.

London, April 21, 1870.

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