When the sun's rays alenting,

shad the frost comes in the air. and the dying breath of summer Shods a fragrance everywhere, Then my soul is filled with longing For the morriment and glos Which awaits the end of harvest And is called the hunking bee.

For when the crops are gathered In the barn in shining heaps, and we know that neath each reenish cost.

In golden rows, there sleeps The corn for which we inbored. Then we all can plainly see That the time is fast approaching To have our husking bee.

We invite the young men all to come And bring their best girls, too, For while the men are husking corn There's work enough to do To set the tubles in the house, Where all good things are free;

Then all the men come from the barn

To est-at the husking bee.

Then, with dancing, songs and stories They will pass the time away. Till the old clock has to warn them. That ere iong will come the day; Then with sweetheart home you slowly,

stroll. Nor care how far it be: She tells you as you say good night, She enjoyed the husking bae,

You may talk of high-toned parties, Where all were free from care; With the love we know upon the farms Where all were free from care; And those whose minds call back those times

I think will say with me That life can scarce be full without A good old husking bee. -Floyd Isbell.

SUNDER THE APPLE TREE.S

\$\$\$\$\$\$\$\$\$\$\$\$\$\$ We had wandered out into the orchard together. The air was full of the sumny scent of apples. They reached down alluringly to us from the ladea boughs, and every now and then one fell with a thud that had the unmistakable sound of ripeness. I sought out a pleasant spot for Miss Vaniour. saw her comfortably settled in it, and then lay down at her feet with a happy sigh.

"Why didn't we think of this before?" I said.

"It was I who thought of it," she said. "You can't claim any of the credit." "No, the inspiration was yours. I

am grateful to you." You will soon get tired of it," she

"Why," I asked, "how could I when you brought me?'

"I will go away," she said, "if you are joing to be foolish." "I am not going to be foolish. Con-

Mor that I have been packed in a close room for an hour, with you at my wits' end to get some way of the other side of it, and make some making money. You have put an idea allowance for me now that freedom into my head, and you may help me is won. An orchard is one of the most perfect things in the world—with you "correspondence class." in it." I added.

She let this pass, picked up a fallen apple and looked at it curiously. 'Are you going to eat it?" I asked.

She tossed it away with a pout. "It's not ripe."?

"But you must eat apples in an orchard. Let me get you a ripe one. There are some golden pippins over there. Look!"

I pointed to a great tree in front of us, the largest within sight. I had not the remotest idea whether it w & This gift comes natural to some, while a golden pippin or not. Miss Vanlour to others it is denied, and these latter was certainly not in a position to corunfeigned increduality.

"How do you know it is a golden pippin?" she asked. 'Oh, any one would know that," I

mid. "Shall I get you one?" I arose and moved over to the tree. "Wait a moment," she said. I will choose the one I want."

I saw her eyes traveling in the top of the tree, and there they rested. for she had caught sight of a singularly fine and beautifully shaped apple. To a practical mind, however, it was obviously out of reach. That of course, was the one she desired to have. She pointed it out to me with elaborate care, and, I thought, was not careful to conceal her doubt of my ability to get it for her. As a preliminary 1

sat down again. "You want that particular apple?" I

asked. "Certainly," she said, with an air of

grave conviction. "I suppose you realize the risk?" I said. "If I attempt to climb that tree. I shall probably fall and break my neck. I have not climbed for years. To shake the tree would not be fair

to my host's apples.' I looked at her from my couch in the soft grass. The gravity of the sitnation did not appear to impress her in the least. Indeed she laughed and to \$2.50 each; for a bed in a tent, shook a tantalizing forefinger at me. "You offered to get me one," she

said. "I do not propose to withdraw my promise, but I must fulfill it on certain conditions."

A certain idea had struck me, I remembered that I had always been a good shot and that my schooldays had mainly been remarkable for my capacity in that direction. My aim had cover. always been more accurate than my rendering of "Pro Balbo." It was a gift likely to be of some use at last. "Well," she said, "what are your

conditions?" "If I get that apple." I said. "I ami going to ask you a serious question, to which you must give me a serious ansi wer. Is it a bargain?"

She flushed quickly and considered to a moment. She knew quite well, what the question would be, and my heart throbbed audibly as I waited for her reply. When it came, her voice had a deeper note in it.

"I agree to your conditions," she I got slowly to my feet again and

of convenient fire. Bles VENIER guised surprise.

hat on earth are you tolde to the naked. "I am going to knock down that ap-I thought you were going to climb

other I maid "You see it test, it might be unplement for you and sign I might not be in a condition to add my question. I will try this first I began with a little practice. Final

shous brought down two sipples. Milest Valious watched me with an extransion need that the occasion hardly seemed to warrant. Then I sent three skir-mishing shots round the apple on which my fate depended, just to make sure of the steadiness of my serves. The next two were unmistakable wides and I had to take a moment's rest to reassure myself. I began to wish dewoutedly that I had kept up my practice in the only art in which I was ever likely to excel. But the next vindicated my supremacy in the neatest possible manner. The apple fell within six yards of Miss Vantour's feet. She gave a little exclamation as I ran to pick it up. When I came back, she was standing waiting for me. I held it out to her. She took it from my hand and affected to examine it critically.

"Why this is overripe!" she said. "I'm sorry, but perfect ripeness was not one of the conditions of our bargain. I am going to ask my questionnow." I said.

We were both silent for a moment Miss Vanlour's easy confidence seemed to have deserted her. She was even a little embarrassed. For myself the sight of her standing there with the apple in her hand and on the brink of the fulfillment of her promise was so pleasing that I could have wished the situation might last longer. But I asked my question, and later we consumed the apple between us, she have ing the sun-colored half.

She Teaches Correspondence

It seems a very strange fact that, in these days of higher education for both men and women, any woman seeking a means of earning a living should be able to make an excellent income teaching people how to write their letters properly. And yet such is the case, and the woman in question not only makes a fair living, but has more to do sometimes than she can attend to. According to the woman herself it came about like this:-

"I was hard pressed at one time for some way of earning an honest penny, and I had thought, and thought of how I might do it, and there was no tanglble results to be obtained, seemingly. One day a girl came to see me, and in the course of conversation said:-

"Miss B--. I would give anything in the world to be able to write as well as you do. You never seem to be dazed by any complication. You always write the proper thing in the right place. Do you know, I wish you were poor, and I would get you th leach me

"'My dear,' I cried. 'I am poor, and to make a beginning. Let us form a

"It was rather uphill work at first. but after the first class was formed another soon followed, until I have as many as twelve or fifteen going at once. I find that a class is most beneficial, as the pupils correspond among themselves, and, by reason of their numbers, provide a greater variety of aubiects.

"It does not necessarily follow that a girl is unintelligent or badly educated who is a poor correspondent. unfortunates would do better to cultirect me, yet she looked at me with vate it than to be indifferent to their proficiency in the art of letter writ-

Easiest Geld Mining Known,

Probably there is but one place in the world where gold may be picked up from a sandy beach. Yet on Cape Nome, on Norton Sound, Behring sea, Alaska, men women and children are enriching themselves after precisely this fashion.

Only a few weeks ago a discouraged miner who had been lured to the Cape Nome district by what he had come to consider false hopes espied gold under his feet as he sat in his tent on the beach. Within an hour he had laid the foundations of a fortune.

Now for a dozen miles or more along the beach there may be seen a throng of independent diggers. Never before has such easy mining been heard of. A small, square bit of beach will yield from \$10 to \$15 an hour. The entire yield of the beach district is said to be about \$30,000 a day.

Business of all kinds has responded to the beach boom. The headquarters for the gold territory is 'Anvil City, where fancy prices were immediately put upon all ordinary commodities. For meals the miners pay from \$1.50 \$3.00 a night, and for a mutton chop,

\$1.25 Existence through the winter will be rather difficult, as fuel is even scarcer than food. Many of the "beachcombers" intend to meet the trying features of the climate by setting up large tents on the beach, where they will live, cook and sleep and at the same time do their mining under

Justly Rebuked.

"Gosh all hemlock!"---The horny-handed agriculturist was assisting in the preparation of the holiday dinner.

"The old gobbler surely got it in the neck. It's what you'd call an ax-i-dent, and"----His wife turned sharply around

from her mince pie making. "Josiah!" she said severely, "you bean't goin' to stuff that turkey with chestnuts again this year"

Housekeepers who prate of table butter could leave off the first letter and be more truthfully descriptive.

FOUR TRILLION TRANS HOUAL

Compared Magnitude of the Barry
—The Great Magnitude of the Barry
American Advantor Leas I had
6,000 Visible State

One of the most important and interesting departments of serronomy—
as well as one of the least known popularly—is the description and recording of the comparative magnitude
of the start—I task which has been
carried on location sizes the start—
ning of astronomical idease. In this
reckoning of magnitude which is
known as photometry—the measurement, that is of starlight—it is interesting to note that an American teresting to note that an American astronomical establishment stands among the first if not as the very first in the world, photometry having been for years one of the principal subjects taken up by the Harvard Observatory both in Cambridge and at Arequipe. Peru, and the results of the work which it has accomplished having been adoepted as standard all over the world,

The first star catalogue, giving 1,080 stars, was published by Hipparchus in the year 125 B. C. It has come down to us through Ptolemy of Alex andria, who nearly 300 years later, in 140 A. D., produced his "Megale Syn-



taxis"-the "Almagest" of the Argbian and Moorish astronomers—which, either directly or through the corrected catalogue that was based on it by the Persian astronomer. Abd-al-rahman al-Suff, was the world's standard until Ulugh Bleigh brought out a new catalogue at Samaracand about 1450 A. D. The famous catalogue of Tycho Brahe—the last of the mediaeval or the first of the modern astronomersin 1580; was the last important catalogue produced without the aid of the telescope.

It is significant of the great accomplishment of American astronomy that there was no universally accepted system of photometry until the publication of what is now known as the Harvard Photometry-the "H. P." as it is familiarly called by astronomers. This was contained in Volume XIV, of the Annals of the Harvard Observatory, under the title of "Observations with the meridian photometre during the Years "879-1882"- massive volume giving a list of 4,260 stars in the northern sky visible to the naked eye in the latitude of Cambridge, and intended to include all stars not fainter than the sixth magnitude between the North Pole and thirty degrees south of the celestial equator. To this original list another, Volume XXIV. of the Annals, has since been added.

As would be supposed, it takes a trained eye to notice the finer differences in star magnitudes. On the modern scale a first magnitude star would be expressed as ranging from 0.50 to 1.50, a second magnitude star from 1.50 to 2.50, and so on. For instance, Castor, which was measured as 1.56 in the "H. P." would be called of the second magnitude, while its twin star, Pollux, the brighter of the Gemini, is a first magnitude star, measured as 1.12. The Pole Star itself is a star of the second magnitude, its measurement being 2.15. The six brighter stars in the Pleiades are all fo the second and third magnitudes, as are those in the Dipper. The upper gtar of the two "pointers" in the Dipperthat is to say, the star on the lip opposite the handle-has a measurement of 1.96 in the Harvard Photometry, The pointer below has a measurement of 2.60, which would carry it into the third magnitude. The other bottom star of the Dipper has a measurement of 2.56, and the star at the junction of the handle approaches the fourth magnitude, having a measurement of only 3.41, while the star next to it draws near the first magnitude, with a measurement of 1,85. The next star in the Dipper, the second from the end, is really a double star, but the measurement of the two together gives 2.38. while the end star of all is almost a typical second magnitude star, having a measurement of 2.02.

There are comparatively few stars of the first four magnitudes; only 479, according to an estimate by Professor Simon Newcomb. It would take the light of 1,016 stars from the fifth to the sixth magnitude to equal 12.7 stars of the first magnitude. When it is remembered that the sixth magnitude star is the smallest that can be seen with the naked eye one can better anpreciate the magnitude of the sun, especially when one learns that all the stars thus visible are under 6.000 in number and that it would take no less than 4.000.000.000.000 stars of the sixth magnitude to give us the equivalent of sunlight. Yet the sun itself. if seen from Alpha Centauri, probably the nearest of the fixed stars, would barely be visible as a star of the sixth magnitude. With a telescope of fourtenths of an inch aperture, however, stars of the seventh magnitude become visible, and with a telescope with an inch aperture stars of the ninth magnitude come into the field. With a four-inch telescope the twelfth magnitude may be noted, and with a teninch telescope the fourteenth. Theoretically, it would require a telescope with an aperture of \$1.10 inches to discern a ster of the eighteenth mag-

the treation and men blater THE RESIDENCE OF THE PARTY OF T ed but too faint to be Eight through the telescore. The secidics producers will which the observations to the Har-ward their belief were made is still in

alghtly use in Cambridge More than

1,000,000 observations have been made with it up to this time. (t. is seen posed of two telescopes, so array god. Wester set the coronality that the plan which it may be sented will formaters before table to measure and another star which is. taken as the standard are thrown into the same field by a compion eyepiece. By means of a mirror in troat of the object glass one of the teles scopes is set upon the Pole Star-the Alpha Urasa Minoris of astronomerawhich is used as a standard not only which is used as a standard not only
because it is always visible. But also
because it is always has nearly the mass. I would not mind confidenced in
altitude, its motion being practically the reardsones or stoypes of sale
imperceptible. Another mirror is and remarked Private Flynn bedies his
justed to bring into view the star to hand "but I would be shot tes time
be observed, which may thus be easily over before I'd go to Leaves worth
compared with the Pole Star. Runes Would I put in three four years in the
such a comparison however, would be pen'ten shary making worthless brilittle better than the method employ gans to snoll the feet of good self-lers
ed by Hipparchus or Ptolemy a sys. Not I. I'd desert first. Give me three
tem of prisms is used by means of eards.

which four pencils of light, swo from We were having a suist case of which four pencils of light, and from We were having a quiet same of each star, are obtained. Two of these poker in parraous and at that hand are then eliminated and one from each Tarkson held the deck. He picked it. star reduced to the same size; after up now, and dealt the draw around which, for the purpose of checking the to such. And it I were mentinel ever first result, the process is reversed by you and you tried to skip, I'd do that first result, the process is reversed by you and you tried to skip, it do the using the other two pencils of light, shooting Tommy, said he gravely. When this point is reached the ob. Whereat we laughed heartly Jackserver notifies an assistant, who is son and flynn were the best sind of shie to read the result in figures by chums. No two men is barreets were means of a graduated circle, and thus closer. They shared each other's best the light of the star under observation, been and be-dding, and separately their was any; they list according to the point of the Pole Star. The amount of labor required in any town her. We know, accesses extended photometric work is remark. extended photometric work is remark. Stop at nothing where Figure was considered. At least four observations are correct. Some of as attributed the made of each star on three nights and present quiet manuar to a method of in many cases more. The total number of stars in the northern skies. "Coall you," said Figure a moment which have been measured by the taster. Jackson attently aboved his twelve-inch meridian photogeter at the cards of the cards of the part of the personally made 73.

Then the cards were put away but fessor Pickering personally made 79.

Case Pickering personally made 79.

Case observations or "settings" with we continued talking: Bone of the college of the continued talking: Bone of the collowing July 37 of last year no less field in abouting as escaping prisoner than 17,824 settings were obtained on 10's against regulations, said they 29 clear nights. Since it takes at least in a tone of guardhouse lawyers. The

a minute to each set of four settings death penalty is only for times of way," some idea of the sheer amount of time will settle that for you, said Jack and labor thus involved may be on son bringing out the books of orders tained; but the mere observing; while and regulations it contains one parathe most important is by no means graph to the effect that a sentine the most important is by no means graph to the effect that a sentine the most laborious part of photometry aball use all means at his command of All observations must be discussed prevent the escape of prisoners over that is to say, computed and family whom he may be placed. This means reduced to the common scale—so that you are to but some reliance of your each one of these thousands of set appropriate. The set out to early calculations.

It seems unlikely that America. One man laughed skeptically. which has now gained the lead in pho- "That's all right but who's rouse

have co-operated argues well for the affair at Little Coules?" future of American astronomy." Discovery of a New Bird Habit.

Very weird is the habit, only lately struck B troop riding is to help not discovered, of the homesy, a large and That's the kind of a man to pin to beautiful but rather clumsy bird, lead had the nerve of him addering a quiet life in the backwoods of Flynn. You fellows just filling the the East Indias. Feeding mostly on vacancies of good men that's dead the fruit of trees, this bird seldom don't know what nerve is he condescends to the ground, and its nest times, addressing the squad with imits the hollow of a tree, high up.

As soon as the female has laid her ground up to the backwool our necks, and feeting Pattled and balting ways.



eggs, five or six, the male begins to connection between our conversation tetch mud and therewith to wall up and the bad luck that select upon the opening of the nest, leaving an Flynn afterwards. It was such idle opening barely large enough to permit talk as might come up at any time the very large bill to pass. Most like and was forgotten as condity as a past ly this is done to prevent the heavy guard tone, and awkward fledglings from falling. As the years went by in lary sarriout of the nest to the ground far be son fashion, Flynn fell in love with a low. In several cases when the female was liberated after her long and by her asked the captain's permission close confinement she was found pitt. to marry. He got a refusal. Then as

Two of the lady survivors of a rail.

arm." have lost my husband" he could borrow in his extremity he "Yes, yes," mostred the first "but protected the scapital order) was

you can get another husband."

The Time Until the CHEST TO THE A

Ple anie si deve più Bot with and had the gold to bottle harbally. Prote (in the feet to alk Works and the companies

Bayerd Taylor

A SOLDIER'S DUTE

tometry, will relinquish a position about to kill?" said the "IVs easy that has been so hardly you. Even amongs to miss-you had that out, at a more extensive work is planned for the largest. And who's he point is the future than has been done in the shoot, anyway? It might be me or it past. By the aid of a recent appropriate that he you, but never his own. ation from the Rumford Fund of the chum Tommy here.

American Academy of Arts and Sci. "He would though," declared for example, an important in Seant Specier. "He's just that kind of

vestigation has been undertaken a man. He's the best man I ever see jointly by the Yerkes. Lick, McCor. in this regiment, and he'd do sin duly mick and Harvard Observatories. As if it was his own father. And he is Professor Pickering says in his last the best chims you ever had. Tommy report: 'The friendly spirit in which 'He is that,' said Flynn, 'Do you're directors of these observatories remember how he got me out of that "I do. You had a Bloux bullet in you-

and couldn't walk. And when it came and fetting fattled; and belting away at everything in right. And the Stoux gaining lead over us with now and then a lamp coming in thus! Suddint, Martin was hit—about as new a recruit as the jord ever made. He went twisting over the ground like an eel, kicking and striking and yelling, I'm killed! I'm killed! Well what did Jack do but get up and walk over to him and kick him once—hard.
"What's the matter with you? says.

he. Do you want to let em know they've potted somebody? That braced us up more than all the cautioning of the captain. Martin lay still after that. We didn't know he was dead but that's neither here nor there. We laughed and cheered and left as jolly as it we had had a square feed." "It all proves Jackson would do his duty anywhere and to anybody, and

"Ow! Quit It! I'm all of a creep, but he ain't shot me yet! Let me alone till my time comes," growled Flynn Then we talked of other things.
It is unlikely that there was any

Sperker.

laundress, and having been encouraged

close confinement she was found pitiably poor and weak, although the male
was diligent in providing her and the
young ones with food. Is he tyrant or
sage, or a stupid slave of instinct?

The was sure to miss reveille
sooner or ister under that arrangement, and when this happened the captain put him in the guard house Two of the lady survivors of a rail and preferred charges against him road wreck were bemoaning their loss. His court martial resulted in a fine es to each other in the hospital after Flynn's housekeeping expenses were it was all over. heavy, for a soldier, and the fine left "Oh," grouned one, "I have lost my him but little from his coming pay, lackson was short by li-lock at poker, "Think of me," cried the other, "I and Flyns had no friends from whom

TALL OF SECURITION SECURITION.

This year Log (Clip She Value of the Clip Sh

he shouled. (No. 1) seld the southing Jackson sprake approving interalia din to a canggi. Mishe di this por se es Alight As the first that the first t the top and finns there and a To seemble o to y SEALITY ON A SERVICE AND ASSESSMENT OF THE PROPERTY OF THE PRO

mendable. syentually the himself came in for penial lactor fusing to are upon the came of enforces in 12/2 in 10/2 only of red in 12/2 in 11/2 i

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10. Ones Company of the C