SUNSHINE.

Look out, look out, my little maid, The rain is fallir g fast, and all the sky with gathering shade Of cloud is overcast. Oh, mother dear! big drops I hear Beat on the window pane;

But in the sky a light I spy, Of sunshine in the rain.'

The clouds rolled by, out broke the rays.

Glinting athwart the shower. 'etting the rain drops all ablaze, Like pearls on leaf and flower. Oh, mother dear! the heaven is clear, The sky is blue again; The air is bright with jewelled light Of sunshine in the rain."

The ripening years passed o'cr the maid

Since that sweet summer-tide; The girl is now a matron staid, With children by her side, When round her life the clouds grow

rife Of sorrow and of pain, She knows from heaven that light is given.

Like sunshine in the rain.

His First Love.

BY A. BLAIR LEES.

They were sitting in Bryce's luxurious chambers-a party of men whom business or pleasure had kept in town luring the festive season, or who had cor bad sufficient inducements offered them to quit it. Bryce was laying down the law concerning The Flirting Womar in his own dogmatic way.

"A woman who flirts," he announced, in a tone of absolute finality, "a woman who deliberately plays with a man's heart for her own amusement is capable of anything-anything! from pocket-picking to murder.

The men seated around the table exchanged covert smiles. It was a joke of old standing amongst them that Bryce had been jilted by his first and only love-hence this particular bee in his bonnet, his confirmed bachelorhood and unchivalrous attitude toward the fairer half of creation. Gordon, a slim young barrister, took up the cudgels on behalf of the sex.

"Granted," he said, with an engaging drawl, "that a woman has no more right to tamper with a man's heart than with his banking account, but you would never get the dear creature · understand the principle of the

thing. Scores of women, who would not steep to wrong you of a halfpenny, would break your heart without com-

Bryce shot a glance at the speaker-

roused in him. "I say," he reiterated, with harsh emphasis, "that a deliberate flirt is in the same plight as our own. carable of anything."

"Yaas, dear fellow," drawled Gordon, sweetly, "we all heard you. Only-you Mis. Reeves passed calmly and serene- his eyes were glittering, his hands cool can' prove it."

"Can't?" "No. You assume, what is manifestly unfair, that a woman who is guilty of one trifling weakness is capable of all-is, in fact, utterly unprinwould you stand yourself, judged by the same slap-dash rule? And they do say, don't they, that flirting girls make the best wives?"

"Would you care to run the risk?" asken his host, with a grim laugh. Gordon shrugged his shoulders. "In

matter of degree.' cocious statement.

"What do you say, Ives?" demanded Bryce of a silent, keen-eyed man. "You of the tribe-you ought to know a little about the subject."

Ives shook his head. "I'm no judge," he said, diffidently. "I have been upcountry too long, and flirtation is a lost art in the remote stations-men ports was during the Mutiny, and that agree.

"Why not?" sneered Bryce. before replying. "You men who sit at someness of fighting. Flirtation never blossoms under the strangest condiles help came soon. tions and in the grimmest scenes-its crashing through the walls in quite unon, twirling the stem of his glass it will bore you. Did any of you know

Jack Reeves?" A subdued murmur of assent passed round. Jack Reeves was dead. Ives' eyes were on his glass, and he did not see the dark, painful flush that crept slowly over his host's face, nor the ashen pallor that succeeded it.

"You know how he died, of course?" with a slight effort, "that he and his wife were killed at the taking of some was a most deplorable affair."

"It was. I was in it."

reported that every one of the defendere was killed."

'I dare say. It was not always easy to make out accurate reports just then -survivors had a disorderly knack of turning up, wounded and half-starved, after the dispatches had been sent home. I ought to have been killed, no doubt, but I was knocked over in the buried beneath a pile of rebel corpses. on the scene half an hour too late. They routed the mutineers, and paid the last tribute of respect to their dead friends, and the men who meant to stead. But enough of that-it is not

an experience to linger over. Justulpur before the row broke out. I was down on a visit to Jack. He had with, but 'a daughter of the gods, divinely fair.' A calm, statuesque beaufeatures, a perfect mouth and wonder-

ful, luminous gray eyes. that lurked in her marvelous eyes, and in the curves of her wistful, perfect she-she would lift her delicate eyeinto nothingness.

"Then the crash came. I won't bore you by going into that-it is ancient when that last day dawned, we knew history now-but I should like to tell our time had come. There were unweeks we held the tiny fort against a | cnemy's camp. horde of rebels, and our slender garri-

son thinned daily. into eternity, together with the min- selves, and we did plenty of promiscuistering women who bent over them, ous shooting. became, if possible, more serious. We whether he had found the other forts others, occupied the roof.

cipled. You can't make it good. How only what was good, and womanly and around her. truc. Nothing daunted her, nothing among the men, looking after their slacken gradually, and shortly after

my humble opinion," he said, lightly, unwearying. She seemed to feel no air and fall back, stone dead, by his Major could not speak. He made her pulverizing 5,000 tons of conglomerate "the risk is inevitable—the results a fatigue where they were concerned, wife's side. Poor thing! She sank a low bow—then, raising his weapon, rock into sand so fine that it can be A general laugh followed this pre- risk she often ran from flying bullets cry that went to my heart. Still, I next moment he fell himself, as the running water. The pump is located ers and sisters could not have done down to the Major. more for them than she did-or done it are acquainted with the Indian variety in a sweeter way. When food ran short she evolved meals for us out of most unpromising materials, and lived on the same bare rations as the rest, in

spite of our protests. "The men simply worshipped the ground she walked over, and would can't very well flirt with each other. have followed the forlornest of forlorn more on the stakes,' he said, with a host. My principal experience of our fair ex- hopes at her bidding. The Major's grim smile. 'They are going to run a views concerning her underwent a is not exactly an honest test, you will complete alteration. I saw him once dash his hand furtively across his eyes the door below. One round of gunas he watched her supporting the head | ners will suffice for the work, and they Ivea looked at him a little curiously of a poor fellow dying of a gunshot will doubtless die happy in the knowlwound, and whispering gentle words home at ease," he remarked, quietly, into his car. I think he foresaw the Englishmen's death-blow. Then, the "rarely seem to grasp the intense grue- end from the beginning; though-true instant a breach is made in the door, ola bulldog that he was!-he never adstands that fiery ordeal. Love, real nitted it. The odds were too great out of their cover and storm the love, the genuine article, thrives and even for British pluck and valor-un-

"The fort was a queer, rambling litcounterfeits wither at the first breath | tle affair, with a detached tower rising | ing. of a hostile cannon. Did you ever pic- from an angle of the compound. Jack no good in her-in a beleaguered fort. on the tower roof. Long watches they among the unspeakable horrors of a were, as we grew short-handed, and siege-where the enemy's shells keep weirdly still the nights seemed after the first in Valhalia." the hideous din of the day time-a expected places, and the groans of cold, tense stillness, only broken by wounded men are the least alarming the howling of the jackals in the nulsounds? I thought not. I could tell labs and the comparatively musical you a story of a flirt I knew," he went | cries of the rebel sentries. And always, when we had been at our posts round and round between his fingers. a little while, we would see her glid-"It may interest you. I don't think ing toward us, shadowy and othereal Reeves stood behind us, very pale, but in the starlight-for the stars came out and shone down as serenely on us in our trouble as on our gayties of a manth before. Years seemed to have minute, then steaded itself-'my huselapsed since then! And she would band promised that, if the worst came, stip her hand through Jack's arm and watch with us-silent and intent as we service? You will not fail me?' she were ourselves. There was no need "We heard," said one of the men, for speech between those two. In the presence of the death angel things ing on his arm, and lifted it gently to clear marvelously. All their former his lips. out of the way fort by the rebels. It differences dropped out of sight, forgiven and forgotten. Only their love old-fashioned way, 'I am honored Ly

without a word spoken on either side.

"She made it up to Jack then. She never hindered him or unsteadied his nerves with tears and lamentations; she was the truest, bravest helpmeet man ever had. Once, near the end, when she thought herself unobserved, I saw her lay her head down on his thick of the last struggle, and fairly | shoulder and cry quietly. And I saw the great tears rolling down his face That saved me, I believe. The relief as he bent over her-but I don't beparty we had been waiting for afrived lieve it was a case of 'white feather' with either of them.

"Well, to cut it short, when the last day came, there were less than a dozen of us left-seven Englishmen, three of bury me brought me round again in- the faithful Sikhs, and Mrs. Reeves. Our position was practically hopeless. The Sepoys had taken the fort build-"We were quite a nice little party at | ings after a lot of stubborn fighting and heavy loss on our side. Only the isolated tower remained in our posbeen home on furlough the year be- session, and to say that we were 'infore, and brought a wife back withe trenched' in that picturesque, but highhim. She was the most desperate firt by incommodious, building would be a I ever met. Not one of those spar- fine bit of poetic license. We were kling, piquant creatures whom one in- boxed in like rats in a trap. The stinctively expects to have some fun end was, as the doctors say, 'merely a question of time,' unless help came, and of that we had begun to despair. ty, with an oval face, grandly chiseled It had become plain to us that our situation was, in all probability, the rule, and not the exception, and that "Old Major Gardner, who was in the ccuntry must be in a state of recommand of the garrison, hated the voit. We went about with grim faces sight of her. I soon found out why | ir these days. We knew that we were She never descended to frivolity, or doomed, but we meant to exact a high let men render her conspicuous by price for our lives, and had no notion their attentions, but she would listen of hurrying the final issue. The muby the hour while a man poured out | tineers, to do them justice, were in no his hemesickness, his ambitions, his precising hurry either. either. They lofty aspirations, his yearnings after appreciated the race sufficiently to the ideal, and any other beautiful sen- know that a handful of half-staved timent he happened to possess, and and desperate Englishmen were likely sine would witch the heart out of him to prove dangerous at close quarters,

come in and finish off the dying lion. "They had us safe, and waited a day lucky wretch would lose his head, and perienced grizzly bear sitting under his victim's bough-not venturing into the brows incredulously and freeze him compound within range of our are, but contenting themselves with shooting at us from the fort buildings. But you how that woman died. For five mistakable signs of activity in the

"They had dragged a couple of small guns into the two doorways opening "The mutineers knew their business on to the compound, and pounded thoroughly-thanks to our careful away perseveringly at the tough old training They planted their batteries tower, chipping large pieces off the on the roofs of neighboring houses and stones, without doing much damage. kept up a deadly fire on the fort. The I don't fancy they cared to try shells havor their shells wrought was fright- at that short distance. Now and then ful. Strong men were killed at their their gunners showed themselves, and posts. Poor wretches who lay moan- gave us an opportunity of retaliation, ing in the 'hospital room' were hurled of which we were not slow to avail our-

ling, lit by narrow looph tive bitterness that the subject always neither knew whether he had got safe- his position in this place with some of bottom step-waiting! ly through the enemy's lines, nor the men. Jack and I, with a couple of

"Jack was shooting away with ap-"It was a hideous experience. And palling regularity. The muscles of his on the door, the infernal yelling of the most. The apparatus is a triple-exthrough all the horror and carnage good-natured face were set like iron. ly-like some fair star shining amid and steady. He used two weapons alblack clouds. In that terrible crisis, terrately, and his wife, with a resolute with that awful, palpable shadow of expression on her pale, beautiful face, death hanging over us, all the falser | stood quietly by him, loading while he side of her nature seemed to slip away fired, utterly regardless of the hail of it all, that fair young woman, her from her like an ugly mask, leaving bullets that struck the stonework white dress torn and draggled and

"All at once the guns ceased firing, sickened her. She went to and fro and the supply of bullets began to comfort, cheering the despondent; al- | we heard the Major's voice below, belways brave and hopeful herself, and lowing to us to come down. Jack was "Her care for the wounded was most | when I saw him leap suddenly in the

"He was greatly shocked at my news, but drew me hastily toward the loophole by which he was standing. lence, Ives? Can you guess what their

next move will be?' "I could not, and told him so. "'They mean to venture a little gun out into the open, in the face of our bullets, and pour a heavy fire into movements with startled eyes; then edge that they are striking the hated tower.

"'And we?' I asked, rather lacon-

'The staircase is narrow,' he reture your ideal flirt-the woman with and I shared the same watch at night plied, sententiously. 'We have some ammunition left and our swords. The first heroes through the breach will be paling lips. "It is she!" "'And Mrs. Reeves?' I asked, with a

shudder. "The old gentleman's brave face twitched slightly. I read in his eyes the terrible, inevitable reply, but be-

fore he could frame the words, a touch on his arm made him turn round. Mrs. perfectly composed. door did even Gordon find his voice. "'Major,' she said, 'my dear husband'-her sweet voice faltered for a

he would keep his last bullet for me. added, appealingly. "Her old enemy took the hand rest-

"'Madam,' he said, in his stately,

They could read each other's hearts on me. I will not fail you. But go back now-if-if I want you, I will call.'

"She thanked him gratefully, and returned to her vigil on the roof. We turned back to our loophole-I think neither of us could have looked the other in the face just then for our life's ransom.

"Suddenly a shout from the men at the opposite loophole, followed by the crack of their rifles, took us over to run out, as the Major predicted. Two Two more rolled over lifeless as the gun was brought into position. The man who was pointing it fell by Major Gardner's hand.

"'Quick! Ives,' he cried; 'the man with the match.'

"I obeyed, but only succeeded in winging him. His right arm dropped Lee signaled to his orderly to bring up at his side, but, with a defiant yell, he his horse, and while the animal was snatched at the match with his left and fired. There was a deafening re- lowest step, and gazed sadly in the diport and a crash of wood, followed by rection of the valley beyond, where such a howl of triumph as might have his army lay-now an army of pricome from the throats of a legion of soners. He thrice smote the palm of

heading the rapid descent. two abreast-just in time. On they his approach, and appeared unaware came with a rush, leaping and yelling; of everything about him. All appredown they went before our fire. Twice ciated the sadness that overwhelmed we repulsed them, but each time the him, and he had the personal symsea of dark, demoniac faces surged in pathy of every one who beheld him again. On they came, leaping over at this supreme moment of trial. The the bodies of their fallen comrades, on approach of his horse seemed to reto the very stairs where we stood.

one. We fought as men are likely to stepped down from the porch, moving fight in such a case, but we were out- toward him, and saluted him by raisnumbered completely. Three of us fell. ing his hat. He was followed in this All of us were badly wounded. Every act of courtesy by all our officers preswith the subtle, exquisite sympathy and they showed no indecent haste to step of that winding stair was slippery ent. Lee raised his hat respectfully with our blood. Inch by inch, we and rode off at a slow trot to break fought our way back to the landing- the sad news to the brave fellows whom lips. And then, some day, the un- or two, with the patience of an ex- those that were left of us, four white he had so long commanded. men and two Sikhs.

ment, and in obedience to the Major's which, in the meantime, had been command emptied our last volley at pitched near by. The news of the sur- tating knifeblades, which cuts them the crowd. They cleared back a space, render had reached the Union lines. tumbling over one another, and we and the firing of salutes began at sevmanaged to close the door and drag eral points, but the general sent an the bars across. Then, as they rushed order at once to have them stopped, up again, on the other side, battering using these words: "The war is over; at the wood with horrid imprecations, the rebels are our countrymen again; we leaned against the walls, utterly and the best sign of rejoicing after spent. Our ammunition was gone; we the victory wil be to abstain from all were all in a sorry plight. One of the demonstrations in the field." This Sikhs had sunk down half-insensible; was in keeping with his order issued the Mayor supported himself against after the surrender of Vicksburg the door, in little better case.

effort, looked around at us with a sad struct the commanders to be orderly smile, which had yet something of and quiet as these prisoners pass, and pride in it, and then he called out for to make no offensive remarks." Mrs. Reeves. He stood there, fingering his pistol nervously, his brave old face and the bodies were hastily buried in "The stairs leading from the base of working. I have always thought that the compound after dark. Day by day the tower to the roof were divided he meant to shoot her down as she punction, out of sheer fun and kitten- our ranks thinned, and the situation into two flights by a small room or turned the corner, to save her the torand turing minute of anticipation had got a messenger sent off to the shut off from the lower flight by a must have been near at hand, for when of the Calumet and Hecla mine, it is, his dark eyes flashing with the vindic- nearest station for assistance, but we fairly strong door. The Major took up he looked up she was standing on the without doubt, the greatest mechanism

fiends outside of it, the gloomy land- pansion pumping engine with a capaciing, with the fierce sunlight filtering through the narrow loopholes, the handful of desperate, doomed men, wounded and unsightly, the swarthy faces of the Sikhs, and, in the midst of that its nominal performance can soiled with smoke and blood, her face pushed to the full extent, the pump utterly calm-standing there, without a trace of fear, waiting for her death. " 'I am quite ready, Major,' she said

injecting others with her brightness. | turning slowly away from the parapet, ly. One of them, a big Irishman, gave pany, which has twenty-two steam a loud sob and crossed himself. The pumps in continuous operation, daily tended them without a thought of the down on her knees beside him with a he shot her through the heart. The carried away by a stream of swiftly and other missiles. Their own moth- could do nothing for her, so I went door burst open and the horde rushed near the lake shore and below the in. The rest you know.

"It is not a story to talk about. I never told it before for that reason; but what Bryce said to-night made "'What do you make of their si- my blood boil, and-Why, Bryce! Bryce! Surely, my dear fellow, you don't think I meant-

and hurried round the table to his

been riveted on the story, followed his carry with it the minimum of copper. The other men, whose attention had they got up, too, and crowded round in consternation.

Bryce had dropped forward with his arms on the table, his face buried in his hands. His breath came and went in long, shuddering sobs that shook the whole pack of fiends will swarm his whole frame, and when they spoke foot is placed on the ground the two to him he seemed as if he did not hear. His vest was disordered, as though it had been hastily torn open, and on contraction brings the two digits toically—the programme was not invit- the table before him lay a jewelled gether with a loud clattering noise. It miniature. Ives, glancing at it as he bent over his friend, drew back with a smothered exclamation.

> It was the portrait of a grandly beautiful girl, with a wistful, perfect mouth and luminous gray eyes.

-and lost! The men drew away from him reverently. They did what seemed the kindest thing, and slipped out of the room quietly, leaving him alone with his dead. Not till they reached the

Poor Bryce! He had lived and loved

and then he only said, "Poor old Bryce!" Ives stood on the doorstep when they had all gone. He thought of the usually supposed to belong to the na- John M. McKay, near Fayetteville. The lay her cheek against his sleeve, and May I now rely on you to do me this stricken man in his lonely room above tives of the Dark Continent. It seems grafting was done February 28, 1897, and a great flood of pity weiled up in that M. Lagarde, the French Minister the bud opening May 25th following. his heart. Perhaps he, too, had suf to that country having heard that the The photograph was taken August fered-for he shut the door softly and Empress desired to possess a sewing- 30th last, at which time the height of went back again to his friend .- Strand machine, took pains to have one in the stalk was five feet and the circum-Magazine.

AFTER THE SURRENDER.

tion at Appomottax.

General Horace Porter, in his 'Campaigaing with Grant," in the Century describes the surrender at Appomat tox. General Porter says:

notify Meade of the surender, fearing interfered with. A little before four General Grant, bowed to the other officers, and with Colonel Marshall lea the room. One after another we followed, and passed out to the porch. being bridled the general stood on the his left hand slowly with his right "'To the stairs!' shouted the Major, fist in an absent sort of way, seemed not to see the group of Union officers "We formed on the bottom steps, in the yard, who rose respectfully at cal him from his reverie, and he at "The fight was a sharp and a terrible once mounted. General Grant now

General Grant and his staff then "On the threshold we paused a mo- started for the headquarters camp, "The paroled prisoners will be sent "He pulled himself together with an out of here to-morow. * * * In-

A Wonderful Pump.

If the details and figures given by a are exact concerning one of the pumps of the kind in the world, its capacity of "I can never forget that weirdly ter- water delivery being some 2,500,000 rible scene. It is fixed indelibly on my gallons every hour in the twenty-four, brain. The crashing blows thundering and even then without reaching its ut-

ty of 60,000,000 gallons, standing nearly fifty feet in height and requiring 1,500-horse power for its operation, and it has been proved by actual tests easily be maintained for an indefinite time without injury or strain, and that, could handle approximately 75,000,000 gallons in twenty-four consecutive hours. The purpose of this pump is to furnish water for the great stamp "The men caught their breath sharp- mills of the Calumet and Hecla Comwater to the upper portions of the mill, where innumerable small jets play upon the great slime tables and jigs. Here it is that the specific gravity of the fine particles of copper contained in the rock separate the valu-Ives rose abruptly from his chair able mineral from the mass of worthless sand, the size and force of the streams of water being so nicely regulated as to wash away the sand and yet

Peculiar Foot of the Reindeer.

The foot of the reindeer is cloven in the middle, and each half is turned up in front. These two sections of the foot are greatly elongated, and capable of great lateral expansion. When the sections expand three or four inches, and when it is raised again a muscular is this peculiar sound which one hears half a mile away when the reindeer are approaching. Secondary hoofs "Great Heaven!" he gasped, with that are not developed in other deer are greatly prolonged in the reindeer, and having a slight backward inclination, they add valuable support to the animal. Thus, with such a peculiar foot conformation, the reindeer secures a good foothold on any solid substance, and performs wonders of strength and agility within the Arctic circle where all other animals are placed at a disadvantage.

An Emperors Ingenuity.

To judge from the following anecdote, Emperor Menelek of Abyssinia has a mechanical turn of mind, not into a hickory tree on the farm of Mr. cluded among his baggage. But the ference at the ground twenty inches, roads of Abyssinia are capable of The growth of the scion from opening More English cricketers were born much improvement, and although the of the bud until August 30th, ninetyremained, and if ever a man and wo- your request. If the worst happens, in the Nottingham town of Sutton-in. machine was well packed the accidents aix days, was five and one-half feet --"Yo 1?" exclaimed Gordon. "It was man understood each other, they did. as I greatly fear it will, you may rely Ashfield than anywhere else in Eng. of the trip left it at the end in a sorry Charlotte (N. C.) Observer.

condition. When the case was opened, M. Lagarde found to his chagrin that Coneral Crant Would Permit No Colebra- the machine positively refused to work. Not being versed in the methods of making repairs of this sort, he was at a loss vhat to do, when Menelek approached. "Let me look at it," he said. He scrutinized the machine, ex-Before parting Lee asked Grant to amined its plan of construction, and, catching sight of a little spring which that fighting might break out on that had become bent, remarked: "Why, front, and lives be uselessly lost. This you have only to straighten that out request was complied with, and two and the machine will work." No soonthem. The gun on their side had been Union officers were sent through the er said than done. With a sharp blow enemy's lines as the shortest route to from a hammer the Negus put matters of the gunners had already fallen. Meade, some of Lee's officers accom- to rights, and the next minute the mapanying them to prevent their being chine was running admirably, to the intense delight of the Empress and o'clock General Lee shook hands with the natural amazement of M. Lagarde. -New York Tribune.

DRIED VECETABLES.

A New Industry Which Has Started Up in California.

A new and important industry has come into existence in Santa Clara County which bids fair in time to rival the fruit drying. This is the preparation of dried vegetables for the market, which at present is generally confined to the short seasons at the driers between the ripening of the different fruits. Just lately the vegetables have been usurping the place of apricots, but they have now already begun to give way in turn to the prunes.

On approaching a drier it does not take one long to decide whether fruit or vegetables are being prepared, for in the latter case a pungent odor rushes out to sting one's eyes and erawl uncomfortably up one's nostrils -for the trail of onions is over the land. Within a lively scene is presented. Men are hurrying to and fro bearing trays and boxes, while long rows of women and children sit busily peeling potatoes and carrots, which. together with the onlons, form at present the stable product. When boxes of potatoes and carrots are filled they are poured into a large hopper, and from there fed to a machine with roup into small slices a quarter of an inch thick. The further process which the potatoes undergo is simple, and for carrots and the other minor vega-

tables it is practically the same. After being sliced the tubers are slightly sulphured in a chamber built of wood. Here great discrimination must be used, for, if they are sulphured too much, the potatoes will taste of the fumes; if too little, they will not contain enough antiseptic property, and bacteria attracted by the starch will develop. Moreover, a little sulphuring is necessary to preserve the color of the vegetables as far as pos-

sible and to prevent decay. After this process the potatoes are not spread out in the sun, but put into an evaporator. The latter looks like a small Ferris wheel and is inin a sort of brick glass windows. Within this it revolves close to hot air pipes for a few hours. When the moisture is sufficiently evaporated the cars of the wheel are emptied through the windows and their contents are now ready

for shipment in sacks. When this stage is reached the sliced potatoes resemble dry chips, and it takes six or seven pounds of the fresh

to make one pound of the dried. By their pungency onions possess the power of warding off bacteria, and are, therefore, only slightly sulphured to preserve their color. They are next evaporated until one-third of the moisture is expelled, and then placed in trays in the sun, just as is done with fruit. The drying process shrivels the onions so much that it takes twenty parts of the fresh to make one of the dried. While the onions are being cut up the moisture coming from them is disagreeable and hard on the eyes of

the employees. When carrots are evaporated it takes about nine parts of them to make one dried part. Perhaps the drying process used in the case of both carrots and potatoes might be improved upon were steam employed. By using the latter the starch in the potatoes would be partly cooked and sterilized, and after this the tubes could be evaporated in a chamber similar to the one above described. In this way the potatoes could be rid of sulphur, well dried and yet capable of being quickly soaked, and there would be no chance for bacteria to de-

velop. Other vegetables than those mentioned are at present in process of development; but so far the endustry has proved very profitable, as evinced by the increased demand for dried vegetables all over the country, but especially in the mining regions.-San Francisco Chronicle.

To Restore Montezuma's Castle. Montezuma's impregnable castle in

the cliffs near Camp Verde, Arizona, is to be restored to its original shape by the Arizona Antiquarian Association. The castle is located three miles from the abandoned military post known formerly as Camp Verde, and is perched in a high niche, which towers far above the left bank of Beaver creek. It is the finest and largest cliff dwelling in the United States. From the foot of the perpendicular cliff to the entrance is exactly forty feet, while above it rises the precipice, another hundred feet.

Memarkable Tree. Commissioner Mewborne had a photograph yesterday of a pecan grafted