IT IS YOU AND L

apl there was in the days of old, and, faith! he wasn't the last on earth as bartered his place and his birthright way. The gray earth whirls in its old, way.

A sage is a rarity under the sun. he is it barters his soul for naught?
Stand in your places, or low or high—
he is it falls when to stand he thought?
Join in confession: It's you and I.
he is it stumbles and falters and faile;
Bowing to error, yet loving the trne?
he when the wrong wears a coronel
quals?

Tears for confession: It's I and you.

Whose are the lips that a prayer h framed,
Only in living to give it the nay?
Who is the one who is not ashamed,
Answing the truth, with error to stray?
Who has forgotten his youth's fair dream.
The armies of evil to meet and dely?
Who has but learned to pise and a Mins, for the wreckage! It's you and I.

there was in the days of old, faith! he wasn't the last on earth artered his place and his birthrigh old. a mess of pottage of dutions worth;
Il we are fools, and we barter still;
who is it lifts his eyes on high,
tys: "I have fallen, yet rise I will!"
God be praised! It is you and I.
—Alfred J. Waterhouse.

#### A Ranger's Love Letter.

By John H. Reflery.

HE rangers were lounging about the corral. Breakfast was over, and the April sun was scattering the pale blue fog that upe from the Rio Grande. iss who I seen in Justes last

said Tomicine, pleating his Panhandle Peter send Holliday. ging up as he rolled a cigarette. Tep. How d'ye know?"

"How did be know?" roared Kelly. "What's he sparkin' Pete's gal fur? Eh, Holliday?" And the pockmarked Kelly laughed to the young ranger's

Tomkins, sneering. "Well, mebbe that town he turned toward the river, and accounts fur Pete bein' so leery o' riding in the shallow water so as to shink Panhandle Pete was a mind

"What do you mean?" asked Holliday, his florid face tawny with anger. If yo mean that I've told the woman inything, you lie!"

ketch this Parhandle bully. I'm level with the low floor of the central

and around for letters. Captain Crews, self into the low timbers of the bridge, a low-voiced, sun-browned man with and peered up and down the viaduct black, curly hair, came out of his tent in search of the woman, or was it Pan-"Tomkins?" roared the mail carrier,

out a big paw for his letter.

And a love letter fur Holliday!"

SWEETHEART: - I found : the flowers on my table after : supper. I know they came : from you. Meet me at the : middle post of the bridge at : 9 o'clock to-night I have : something to tell you. Your : FLORENCE.

Sent him a letter from his gal." mid Kelly, "but---" "You don't expect him to bite at that | said:

kind of a game, do you?" "It might of worked," said Tomkins, end of my rope."

"How in the devil does she know?" the limp prisoner into a tent and asked Crews, looking from one to the searched him, and in his greasy pocket

"You might ask Holliday," sneered Comkins. "I seen him in the Plaza with her Tuesday night, and I bet six bits be's a-readin' a letter frum her right now. I don't like that dude low, Cap. He sin't never done nothin' 'cept ride round au' look purty.

"He can outshoot you, Tom." "He ain't never shot nothin' 'r nobody, is he?" "He's a peach with a lariat, isn't

"Well, 'sposin' he is. He sin't roped nothin' 'cept this here gal o' Panhandle Pete's. I don't mind sayin' right out that I think he's a tippin' off Pete fur to stand in with th' gal."

"Ah, get out, Tomkins!" said the Capmin, trying to smile as the men shuffled out of his tent, but he looked uncomfortable, and he saw that his men agreed in their estimate of the

Helliday met Tomkins half way be tween the curral and the camp and said: "Tomkins, do you know where Pete is living in Junrez?"

"Naw, I don't know whar he's livin'." snapped the suspicious fellow, striding of land owners for their protection.

after his saddle and bridle. "I sees him dealin' faro in Dei Nodal's monte, an' I got him spotted so's he can't get no letters there 'thout me knowin' it.

Hear that, Mr. Tenderfoot."
But Holliday only sneaked back to his tent and sat down at the soap box which served him as a table. With much effort and many loving touches of the pen he finished eddressing his letter. Then he saddled his pony, and leading it before Captain Crews' tent, saluted and said:

"Captain, I'd like a leave of absence till midnight." Holliday. I won't ask you want you're up to, but I don't mind telling you that he boys are saying ugly things "I know it, sir. I hope you don't

warrants out for him, and I'd give a week of my life if this truep could land bim "

can bet on that." And the big suspect stalked away with the light of a lover in his black eyes and the spring of roung fervor in his treat. But when he had ridden sway, the

Captain summaned Tomkins and said: "Tommy, I don't like the idea of spotting one of my own men, but----" "I'll watch him like a hawk, sir," anticipated the bowlegged bully. "But not a word to anyone, Tom! And promise me?"

"Yes, Captain." "If it turns out that Hollicay to all right you'll stop this backcapping and make friends with him?" "I'll go you better, str. I'll beg his

"He has leave till midnight. So have

And Tomkins, grinning meliciously. got on his pony and trailed away toward the river. And all that day like a stealthy shadow Tombine stalked his man.

At 8 o'clock from his hiding place in a doorway Tomkins saw the "dude" come out of Wah Lee's restaurant, "Oho, that's the lay is it?" growled away toward the west. A mile from acrost the river. I never did leave no trail, went pacing slowly down stream toward the low wooden bridge which spanned the shallow river between old Paso del Norte and the American town. Tomkins, riding out of sight and hearing, in a parallel with "Never mind, purty,", snarled Tom- blacker shadow in the shelter of the his quarry, saw Helliday stop like a Ring. "I ain't a-goin' to fight ye till bridge, his pony's head almost on a her the reward. 'F ye kin lay low till span. Tomkins crossed the approach git it, ye can git all the scrappin' and driving his pony down into the Just then Peterson galloped round and tied it among the willows. Then ooze of the eastern side dismounted il with the mail he crept into the yellow shallows till om El Paso, and the rangers crowd- he was opposite Holliday,, raised himhandle Pete he should see at this lonely rendezvous? Even as he watched be saw the outlaw skulking along the "Kelly!" and the surly giant reached loitered, scanned the American approach, turned his back upon the little

dropped down into the sand, got out seriously with our observations. his revolver, mounted his pony and he gained the bridge approach Tom-kins saw the scared woman standing under a street lamp looking wildly

Dimitri is increased—five hundred now, heard the clatter of horses' hoofs comcan't some of you scheme up a way to get him across the river? I've sent him half a dozen balts, but he won't guessed, as he walked toward the corral. But there he found Holligay dismounting. The men came running, but the "dude" laughed in their faces and

"I've got him, fellows. There at the lowering his voice, "but every time we Tomkins, all befuddled with his vain sot a trap that dad-gasted woman puts stalking, galloped up as they stooped over the bound outlaw. They carried

they found a letter which read:

SWEETHEART: - I Yound : the flowers on my table after : supper. I know they came : from you. Meet me at the : middle post of the bridge at : 9 o'clock to-night. I have something to tell you. Your : OWN FLORENCE. :

They looked up at Holliday. "I didn't forge the letter," be said blushing. "She sent it to me all right But I-er-just fixed up the envelope a little."-Chicago Record-Herald.

Spanish Hunchbacks. Spain has more hunchbacks than any other country. In some of the villages of the Sierra Modena seven per cent, of the people are deformed in this way.

Scottleh Engles Increasing Golden engles are increasing in the Scottish highlands through the efforts

# Tracks of Wild Animals. 5/19RTKULTURES

SNOWFALL is a blank page from the notebook of Nature, and upon it her children write the stories of their lives, each in his own way. When we begin to read and translate them the winter woods no longer present a elicerless appearance; they no longer seem a dreary waste of snow-covered ground and here, gray trees. We find that they are peopled by a busy community, whose lives are as full of problems as our own. Here, you see, the first note we come across has been writ-

ten by a mink-a uniform trail, which might be imitated by dragging a narrow board through the snow. The legs of the mink are very short, so that his body sinks in the snow, often covering up the prints of his Crews eyed him furtively from the webbed feet, and the trail is simply a gutter in the snow, with deeper spots ties that are somewhat early, as well corners of his bright, gray eyes, saw at intervals marking the points at which the feet have sunk. The trail of an as being much improved in quality, the end of a letter peeping from the otter through deep snow is similar, but very much larger, as a full-grown otter. pocket of his blouse, coughed, host- is sometimes nearly four feet in length. In moving through the snow an mate plants, otter leaps forward, and slides for a considerable distance, plowing up the snow with his chest, then leaping again, and silding, as before. The distinctness of the footprints depends upon the depth of the snow; when there is only a thin covering they are as plain as the tracks of a hare.

Here is quite a different traff, also leading to the water. It was made believe everything you hear? by a muskrat, and in one important particular differs from nearly all other "N-no-oo, but, Holliday! Fou'll be trails—there is a sharp and almost continuous line connecting the tracks. careful what you say and to, won't That line was cut into the snow by the sharp-edged and almost hairless tail. you? I've my heart set on getting which drags on the ground as the animal moves.-Woman's Home Companion.

## The not spott our chances, str. You American Women in Europe.

By Henry Labouchere.

HE American woman has unquestionably been a success in Europe. She is generally pretty. She is clever. She takes peins to please those whom she considers worth pleasing. She has that instinct for the class above which only they have who belong to the class below, and, to use Taine's expression, she atways "stands with shouldered arms and feels herself on parade." Her affectations and the sine which she commits against the commandments of European good manners are overlooked because of her American origin, and the favor accorded to her by royal personages and the exafted position she sometimes acquires by marriage.

With those advantages is it to be wondered at that American women have succeeded socially in Europe? But are they also a success as wives? It is true that comparatively few American women have trailed their characters through the divorce court in England. Social success is what they aim at, and the exposure entailed by divorce court proceedings might endanger this success. They are tolerant and expect their husbands to be tolerant. Society is the end-all of the life of such an American woman and since she has obtained a footbold in England, society has degenerated from a polite pleasure into a profession.

Has the American woman come to stay? If the women of this country can maintain their higher and more womanly ideals and profit by the educaion and experience of modern surroundings, they may await a reaction with ntidence, assured that their beauty, their home-making qualities and their disinclination to thrust themselves under the limelight will be appreciated when men of the Old World cease to go the new to procure money and when the American woman and her ways are no longes popular novelties in Europe. -London Truth.

## Steady Atmosphere.

It is a Prime Requisite For the Study of Planets' Surface Conditions.

From William H. Pickering's x . Lookout Into Space," in the Century. STRONOMICAL science is divided naturally into two parts, that thick walls, live safely through the acterize a new placer mining country. pertaining to the stellar universe and that pertaining to our winter and germinuate in the spring. Is quietly but rapidly going forward

immediate family of planets. The latter are the only bodies in The disease defoliates young trees and in the Yukon region, says the Engineerthe heavens of which we are aware that at all resemble our robs older ones of much nourishment, ing and Mining Journal. While some earth, and they are all, comparatively speaking, our near neigh- Elurning the leaves in the spring is an hydraulic work has been done, the bors, and have, therefore, a much more personal and popular affective preventive. Finely powdered relative motions was virtually completed during the last cen- of a tree kills the fungus, and poins- the region. Dredging in the rivers and tury, so that at the present time the astronomy of the planets is confined sum sulphide solution—one-half ounce chiefly to a study of their dimensions and surface conditions.

For this study there is one paramount requisite, and that is a steady atmosphere. With a good atmosphere, important results may be obtained even with a small telescope of only five or six inches diameter; but without such an atmosphere the very largest telescope will be of no avail. This is not the case in other departments of astronomy; for many kinds of observations on the stellar universe the quality of the atmosphere is of little account, provided mule car which passed, and then, with only that it is cloudless and transparent; but for planetary and lunar astron-The young ranger bit his lip as the a light spring, sat upon the top rail of omy a steady atmosphere is the fundamental requisite. To understand what trowd roared in ridicule, but he took the fence-like guard and began to make is meant by a steady atmosphere, we have only to look at some object across the letter in allence, and going to his a cigarette. He was lighting it when a bet stove, or along the line of a railroad track upon a summer day. There suddenly from the opposite side Tom. Is a shimmer in the air, a wavering motion, with which we are all more or less kins heard the whistle of a lariat. A familiar. This wavering is always present in our atmosphere, although we woman screamed, "Run, Pete, run!" usually cannot see it; but when we magnify the image of a planet in a teleand the bulky body of the outlaw fell, scope one thousand times, we magnify the atmospheric tremors in the same backward into the water. The watcher proportion, and they are then not only conspicuous, but they interfere very

In some parts of the world the atmosphere is much more steady than in scrambled out of the black shadows others, and it is evidently a matter of the highest importance for the astrontoward the shore. As he reached the omer interested in planetary research to find where these places are situated level he saw a horseman streaking To Hlustrate the importance of this matter, I may say that a year ago, situated eastward in a long cloud of dust that in one of these favored spots, I saw night after night, with a five-inch and males return to the cherry trees, there rose high into the moonlight, and as even with a four-inch lens planetary markings and details that I have never depositing their eggs around the buds.

#### Liston here, boys!" Captain Crews after the venishing cloud. Captain Revere was smoking in the moonlight before his tent when he moonlight before his tent when he Without Resolve

By Margaret Stowe.

ANY times in this column you have been told that you are what you will to be.

It is such an important truth that I do not think it can be Petunia is one of the most curious of epeated too often. Parents could do so much for their children by training them along those lines and carefully guiding them to the point where they have the understanding to choose for themselves the sturdy

qualities of mind. Teach them that it is will-force of purpose-that enables a man to do and to be whatever he sets his mind on doing or being. It is not a new saying that "Whatever you wish, that you are, for such is the force of our will joined to the divine, that whatever we wish to be, seri-

ously, and with a true intention, that we become." No one ardently wishes to be submissive, patient, modest, or liberal, who does not become what he wishes.

You have possibly heard the story of a working carpenter, who was ob served one day plantag a magistrate's beach which he was repairing with more than usual carefulness; and when asked the reason, he replied, "Because I wish to make it easy against the time when I come to sit upon it myself." This same carpenter actually lived to sit upon the bench as a magistrate. The strong desire for that position that the man had could accomplish nothing

without resolve, or force of purpose. Each one of us feels that he is free to choose between good and evil-that he is not here to be blown to any or every direction by the wind, but that he has within him the power to direct his own movements, and is capable of pushing along on the path of his choice no matter how strongly the wind may blow or how often it may change,

This will, or force, of purpose is the only thing that is wholly yours, and it rests with you individually whether you give it the right or the wrong direction.

Your habits or your temptations are net your masters, but you of them. The advice that Lamennais once gave to a gay youth is something that each one of us might read and take home to ourselves with some benefit. He said: "You are now at the age at which a decision must be formed by you; a little later you may have to groan within the tomb you yourself have dug, without the power of rolling away the stone.

"That which the easiest becomes a habit in us is the will. Learn then to will strongly and decisively; thus fix your floating life and leave it no longer to be carried hither and thither, like a withered leaf, by every wind that blows."-New York Journal.



EARLY TOMATOES.

The earliest tomatoes are those that are rather small in size, especially the varieties that grow in clusters. The best varieties are the late ones, though

KILLING A TREE.

The surest way to kill any kind of tree is to pile a heap of stones around it. The reason appears to be that the stones obstruct the light and act as a mulch to the soil, causing the tree roots to feed senr the surface. But the stones are no obstruction to frost, so that the soil under them is usually deep frozen, and the roots, being encased in frozen soil, cannot supply sap to the tree, as all roots should do to some extent, even in winter.

PLANT SOME SWEET PEAS.

If only one flowering plant is grown the one to choose is the sweet pea. It is easily grown, gives plenty of flowers for a long time, and is as guy and cheerful as a dock of humming birds. Sow as early as common peas and treas in the same way, except that wire netting is more neat and antisfactory than brosh. If brush is used, sow the seed the district of Barcelona alone there are in small clumps and set the brush around it, growing haif a dozen plants senting 35,000 horse power. to the clump. With mixed varieties this plan gives a beautiful effect.

SAVING FRUIT TREES.

In some parts of the West box irrigation is practical as a cheap method States Coast and Geoderic Survey, will from drought. The boxes are made of mine, which is particularly well fitted rough planks, usually about six inches | for this purpose, since its shaft is one is length, and inserted in holes a foot of the deepest in the world, penetrating or more in depth, a few inches from to a depth of \$550 feet in strata of unithe tree or plants to be irrigated. Wa- form density. The density of the earth ter is filled in the boxes and left to find is largely a matter of scientific conits way to the roots. This places the jecture. It has been computed by water where it will do the most good, precludes the possibility of waste, and gravitation. It is true that Sir George overcomes the objections to surface Biddel Airy, the British Astronomer

POWDERY MILDEW.

young cherry and apple trees. It ap- those based on the formulae that they pears in white spots on the leaves; the have not been generally accepted. fungus threads send little suckers flown in the plants' cells and absorb the juices there. Black spores are large scale, with heavy capital, for to a gallon of water-is nearly as effective.-The Cuitivator.

AN ENEMY OF THE CHERRY. Frequently the black cherry tree lice so completely cover, distort and smear for next year. Over 4000 quartz claims with excrement the cherry leaves that they are disgusting to behold; they not only stop the growth of the tree, to nothing, a large amount of explorabut take much of the nourishment that | tion and development is certain. should go to the fruit while maturing. As with all plant line, they winter in the egg stage, hatching early in the season into females which soon commence to produce young, and by the time cherries are ripe we have several generations, each of which is profucing young each day. About July the lice disappear to the roots or to other plants. In the fall winged males and females are produced and the fe-Remedy.-If kerosene emulsion is used on the lice before they roll and

they can be very easily killed, but when protected by the leaves it is difficult to reach them with any remedy.-National Fruit Grower.

knot the leaves around themselves,

A NEW ANNUAL One of the newest annuals that may be started from seed in the spring with every assurance of success belongs to the Petunia family. The new star the season's novelties because of a



NEW STAR PETUNIA.

distinctly outlined and variegated star that appears in the centre of every open flower. The petals, which serve as a background, are of rich and varied shades of velvety crimson and rich maroon, while the five-rayed star, broadening half-way up, then narrowing to a point near the margin of the flower, is of pure snowy white or tintings of blush or pink.-Philadelphia

It is estimated that the standing timber of the Dominion of Canada equals that of the whole continent of Europe, and it is double that of the United States.

The turbice plants that have been in operation during the last few years have shown high economy and call for practically no repairs. Compared with passenger steamers of similar size, but having reciprocating engines, the installation of turbines has shown a gain per indicated horse power in favor of the turbine steamer of twenty per cent

Lord Kelvin has suggested that living speres from other planets might be thrown off into space by the propertial hurricane of their upper atmosphere and come within the earth's sphere of attraction, be drawn to it, and then be developed. This theory of the origin of life upon the carth is as plansible as the "fortulious concourse of ctoms" theory of life's origin.

Electricity is making rapid progress throughout Spain. At the end of last year there were no less than 630 cities. towns and villages in Spain with an electric power station, and there were only 430 towns with a population of more than 4000 souls where electricity now over 800 turbines in use, repre-

In order to determine the density of the earth, President F. W. McNair, of the Michigan College of Mines, and Major John F. Hayford, of the United of saving fruit trees, sines and gardens | conduct experiments at the Tamarnek formulae based on Newton's laws of Royal, computed the earth's density from experiments which he carried on at a Welsh colliery, but the figures Powdery mildew ordinarily affects which he obtained varied so much from

> The substitution of working on a creeks was tried this sesson with such success that next year it is probable a large number of dredges will be at work, despite the short working season. Already much machinery for dredge work is on the ground, ready were filed during the last season, and while the majority of them will amount

A Deze in Division Lobby.

I once saw Mr. Gladstone fast gefeep n one of the division lobbies, while a division was actually going on. It showed how utterly tired out he must have been, for usually when he was going through a division he rushed to find a table, and started to write either a letter or the disputch to the Queen in which he nightly recounted the events of the Parliamentary sitting. On this occasion there was no doubt of his being asteep. Members paused for a moment as they passed. It was a dark hour in the fortunes of the Liberal leader, for his Government was breaking up, and he himself was within a few weeks of his everiasting farewell to public life. His followers were touched as they saw in the strungely pallid face, in the drawn lines and in the slumber of utter fatique the signs of coming disaster and final fail-London M. A. P.

Fish Ate Their Young.

A pair of catfish that were continuously watched in a Government agenrium made a nest by removing the gravel from a corner. During the first few days after hatching the fry. banked in the corners of the tank, were at irregular intervals actively stirred by the barbels of the parents, usually the mate. Subsequently the parents were seen to suck the eggs into their mouths and then extrude them with soms force. The predaceous feeding habits of the old fish gradually overcame the perental instinct; the tendency to suck the fry into their mouths. continued and the indination to spit them out diminished, so that the numher of young dwindled daily and the 500 that had been left with their parents had completely disappeared in six weeks, although other food was liberally supplied.

The Spectroscope's Usefulness. In the field of astronomy the spectroscope is often more serviceable than the telescope, for by its means have been discovered dark, planet-like bodies which revolve about the stars, and which a telescope thousands of times more powerful than any we now possess could ever reveal.

Germany's Maritime Position. Oermany has built the finest, fastest ressels adoat, although she is not geographically a maritime country, and no other country is so largely dependent on others for the raw materials which enter into the making of a ship.