Keeping track of earthquakes and checking up on the weather

are a few of the things that

ter at Huntington Beach, Calif.

Mr. Murray makes all his own

scientific instruments out of

pieces of junk. These photos

take you for a call.

# STORY # WEEK

## Fair Exchange

By STANLEY CORDELL

(Associated Newspapers-WNU Service.)

fretting about him, worrying, it seems, for fear that he will get himself into some sort of mess that will result in disaster or shame for his well-ordered family-Mrs. Buckner, consists of two fine boys and a girl.

This continual fretting on the part of Mrs. Buckner is, on the one hand, excusable. Clark, though capable to the nth degree, gives the impression of being helpless.

Yet more than once I have strongly suspected that this simple look on the face of Clark Buckner is a mask behind which he hides. For Clark is indeed shrewd. Smoothtalking strangers, who hav selected him as attractive game, have discovered themselves fairly fleeced when their negotiations with Clark | millionaire. are completed. And Clark, as much as they, will act mildly surprised and bewildered at the outcome.

And on the other hand Mrs. Buckner, who has lived with Clark these past 17 years, should, it would seem, be familiar with her husband's traits and cease her worrying about him, which is not the case.

"I'm sure," Mrs. Buckner said to me this particular afternoon as we sat together on the porch of Clark's home, "that sooner or later some one of these business deals Clark is forever entering into will leave us penniless." She stroked the head of her youngest child, Madeline, aged seven, as she talked.

"Of all the folks who know Clark," I suggested, "you, Mrs.



him tenderly and told him to go home and mind the chickens.

Buckner, should be more certain than any that no city clicker can get the best of him; that his family will never be in want."

Her head came up as I spoke and a smile came to rest in her eyes, as if my words had enlivened a dim memory.

"Yes," she said, staring vacantly out over the lawn, "yes, I suppose I should." And then after a moment, "it reminds me of the time Clark went to New York." She looked at me, smiling. "Has Clark ever told you about the time he went to New York?"

I shook my head. At the moment I was waiting for Clark to keep a fishing appointment with me. He was late, as usual, and so I lit my pipe and settled back to hear Mrs. Buckner's story.

It was a long time ago (began Mrs. Buckner). Clark had made some money on his little farm here and decided he ought to go to New York to celebrate. He was always, as you know, a fine-looking man, and when he dressed up in a new suit of clothes and bought himself a Panama hat he certainly looked handsome.

But they spotted him-those vultures who are forever on duty before the gates of incoming trains at the Grand Central station-for just what he was: A yokel from the sticks with some money to

They followed him to his hotel and that evening managed to strike up an acquaintance. Clark seemed pleased at their friendliness and invited them up to his room. Clark, sensing that his two guests suspected him of being a prosperous merchant or some such thing, decided not to be disappointing. He painted a picture that made the vultures mouths water. He told them he was a mining man from the Middle West, hinting that he'd recently sold one of his properties for a sum that made the vultures' eyes light with

Shortly after that the vultures departed and Clark chuckled at his

little joke. But Clark, of course, couldn't guess what was in store for him. He didn't know that the vultures had taken in every word of that story, had decided that he was bigger game than they anticipated. If Clark had merely had a thick roll of bills they would have robbed him and called it a day. Owning mines was different. It would take time and ingenuity to get him to sign

over the ownership of a mine. The first step was to win Clark's the two vultures introduced Clark to grows there.



She was all that was necessary to fill in the gap between a good a family which, besides Mr. and time during his stay in New York and a bad one. He took Sari everywhere. He bought her jewelry. He lavished compliments on her.

The vultures rubbed their hands together. Things couldn't be progressing any more smoothly.

After about three weeks of this, Clark's savings gave out and he decided to go home. He hated to leave, too, he'd been having such a good time. And he hated to leave Sari. Moreover, he'd been enjoying the role of prosperous mining man. He'd enjoyed letting the vultures and Sari believe he was a

It was about then that the vultures decided the time was ripe. They printed up a lot of fake stocks, and set off for Clark's room on the last evening of his stay in the big city.

In the meantime Clark, who at heart was as honest as the day is long, and who had come to love Sari telescope he checks up on a few sincerely, had decided that he couldn't go off leaving this little slip of a girl in a disillusioned state. That very afternoon he called at her apartment and told everything.

At first she wouldn't believe him, but as he talked on and she saw the utter innocence and simplicity of the man, she came to know the truth. It was this impression of innocence and simplicity that Clark radiated that made Sari do the thing she did. Instead of flying into a rage, upbraiding him, scorning his attentions, she put her arms around his neck and told him what a dumb, stupid idiot he was. She told him about the vultures, and gave a brief outline of her own mission in life. She told him that he was the only man who had ever warmed the cockles of her heart or treated her like a lady. She told him he'd better get out of town within the next hour or the vultures would descend and perhaps do him serious bodily harm. Then she put his hat on his head, kissed him tenderly and told him to go home and mind the

Mrs. Buckner paused in the telling of her tale, and I asked, deeply amused, "And so it was the impression Clark gives folks that got him out of that mess-by the skin of his teeth?"

"No," said Mrs. Buckner, "it wasn't. When Clark realized what might happen to Sari if he left her there alone - what the vultures might do, he decided to stay. Which he did. The vultures arrived with their bogus stock and Clark bought a lot of it. In payment he deeded them a mine, a whole mine, and they went away happy." Mrs. Buckner paused and laughed at the memory. "I've often wondered," she said, "how those vultures felt when they tried to idspose of the property which didn't even exist."

"But what about Sari?" I asked, a little impatiently. "What happened to her?"

Mrs. Buckner looked up at me and there was faint surprise in her eyes. "Why," she said, "couldn't you guess? Clark married Sari, of course." And she smiled even more brightly, and looked down happily into Madeline's upturned face.

#### Immunize Dogs Against Rabies, Doctors Advice

Most of us like animals. It is natural for children to like dogs, cats, birds and rabbits. In cities, especially, the child who has a pet gets, in a small way, the contact with animal life which the country child enjoys as part of his life. So if children are to have pets, parents must know just how to prevent these pets from possibly communicating any diseases or parasites to the members of the family.

To be safe, every dog and cat should be immunized against rables. Rabies-or hydrophobia, as it is more commonly known—is caused by a germ which is transmitted from one animal to another, or to a human, by a bite of the infected animal. Your pet can be immunized so that the bite of a "mad" dog will not communicate the disease to him. This, then, is a protection for your child and his pet. Each year have a veterinarian inject the animal with immunizing vaccine against rabies.

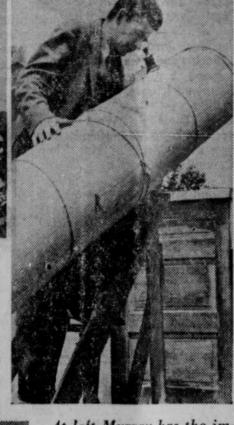
Fleas, lice, mites, ticks are tiny parasites which attack pets and may attack their owners. Such infestations are nuisances rather than dangers, although one of the most fearful diseases of mankind is the bubonic plague, carried by fleas which naturally live on rats and other animals, and thus spread the disease. Various preparations are available to help keep the family pet free of fleas and lice. If a pet is to be part of a household, it should be someone's responsibility to keep

the animal free from parasites. There are several types of human skin diseases called "ringworm." confidence. And no man can ac- These skin troubles are caused by a complish this task of winning an- form of mold, a tiny vegetable other's confidence like a woman. So growth which gets into the skin and

# Scientific Gadgeteer



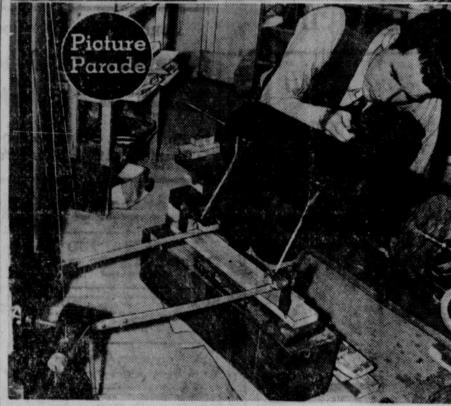
Above: Sun telescope made from an old auto axle. Murray is focusing the solar image on a paper receiver here. Right: At the eyepiece of this homemade stars. The instrument is made old water pipes, wood and pieces of mirror. Note how the wood is bound with wire.



At left Murray has the image of the sun accurately focused on the buff paper behind this blackened tube. The pistol is part of his P. O. job.

Below: From an assortment discards Mr. Murray got this instrument, which accurately measures magnetic dip.





Shiver Record . . . Here is the recording device of Murray's seismograph. Needles mark the lampblacked drum with every shiver of Old Mother Earth. It records about 15 major quakes a year, some as far distant as India. Mr. Murray has no less than six seismographs in his suburban home at Huntington Beach.



his records permanent.



The hobbyist preserves his seis- | The seismograph timing device mograph records by giving the tells Murray to the split second lampblacked chart a bath in when a quake occurs, but he uses shellac and alcohol. This makes this special microscope to dope out where it happened.



# Nervousness

make life worth living for Mar-By DR. JAMES W. BARTON tin G. Murray, assistant postmas-(Released by Western Newspaper Union.)

heart suddenly begins to beat very rapidly—twice as fast as normal-he is

naturally going | TODAY'S to become worried. Just as suddenly as | COLUMN

the rapidity started up, it stops, and the heart rate is back to 72 or 76 again. When the heart beats rapidly, it is called tachycardia — "tachy," meaning fast, and "cardia" the heart. When the rapid beat occurs suddenly, lasts for minutes or hours, and stops suddenly, it is called paroxysmal tachycardia. While the cause of paroxysmal

tachycardia is said to be unknown the cause in some cases is believed to hurts. be nervousness, disappointment, worry his money? or some other de-

pressing emotion. I vice. have one case in mind of a teacher who had worked and planned for two years to take a cer- she? tain trip and at the cumstances pre-

vented his trip. From that time he began to have attacks of paroxysmal tachycardia which were controlled by the drug quinidine sulphate, now in general use for these attacks. Others state that these attacks occur when they have to do some special work or duty which is unfamiliar or distasteful. Attacks Not Dangerous.

The treatment of this common type of rapid heartbeat is to assure the patient that there is no danger to life. This assurance is often all that is necessary to prevent further attacks. These attacks can sometimes be stopped by pressing back of ear to breast bone.

turbance of regularity (rhythm), of the "holy" green frogs. lutely necessary, in addition to the quinidine sulphate.

The thought then is when the heart suddenly begins to beat rapidly, is not to become frightened, but to send for your physician. If it is the common type, he can prescribe the quinidine sulphate.

## Neurology And Psychiatry

IN MY student days there was not are caught and eaten every year, much instruction given on "behavior" problems, or psychiatry.

Today most neurologists combine nese circles! with neurology (knowledge of nerves) the study of behavior (psychiatry) and are thus qualified to tell us when the symptoms are due to a disturbance of the nerves themselves or whether the emotions, circumstances, surroundings are affecting the individual's judgment and so affecting his behavior.

When there is no real disturbance or change in the structure of the nerves or nerve tissue, yet the individual behaves abnormally, the condition is called a neurosis.

A simple classification of the neuroses is outlined by Dr. A. L. Mac-Kinnon, Homewood sanitarium, Guelph, in the Canadian Medical Association Journal. This classification makes it easy for us to understand such common conditions as neurasthenia, hypochondriasis, hysteria, psychasthenia and anxiety

1. Neurasthenia: A condition of

mental and physical tiredness. 2. Hypochondriasis: A hypochondriac is a patient who has the fixed idea that he is suffering from organic disease, when no disease is

3. Hysteria: Where patient thinks he cannot walk, cannot remember, throws himself about but never hurts himself because he is consciousnot unconscious as in epilepsy.

4. Psychasthenia: "Psych" means mind or nervous system, "a" means not, and "thenia" means strength; thus mind or nerves are not strong and there are thus fears, obsessions, a feeling that he "must" do certain

5. Anxiety states: A continuous state of anxiety with rapid or hard beating of the heart, breathlessness, nausea and vomiting, and diar-

#### . . . QUESTION BOX

Q.-What causes a bluish-green discoloration under the eyes? A .- Blue green discoloration is usually due to small broken blood

vessels. May be due to a run-down condition, injury and other causes. Q.-Please give me some advice as to the worth of olive oil as a cure for a sore throat and its effect upon

A .- Cause of sore throat should be investigated by your physician. It may or may not be serious.

# Rapid Heart Often Due to

Ump's Choice Fan-What we want is more ac-

tion and not so many words. Baseball Ump-I don't exactly sitting quietly and his rather you fans would yell at me adored his means." than throw pop bottles.

> That's Her Count "Bobby, how old is your sister?"

"Twenty-five." "Twenty-five? She told me she was just twenty."

"Oh, I expect that's because she was five before she learned to

HURTS WHO?



Joyner-That man Finch certainly believes in giving 'till it

Rygg-Is he that generous with Joyner-No; just with his ad-

If That's Expression

Evelyn-Helen sings with great deal of expression, doesn't Joy-Well, she makes awful last moment cir. faces when she does it.

> The man who counts in this world is the cashier.

Quite at Home "Did Freda regret leaving the

stage when she married?" "Not in the least. She feels she's still in the profession." "How is that?"

"One scene after another."

### They Worship Frogs

China is the home of queer customs, but one of the most curious on the nerves of the neck running is the Chinese custom of worshipalong the "cord" which runs from ing frogs. The headquarters of the frog-worshipers are at Cheki-However, in some forms of tachy- ang, where elaborate temples are cardia where there is also some dis- specially set aside for the use of

These creatures are allowed to hop around at will in the beautifully maintained temple gardens, and at the end of the day devotees carry their "gods" back to their quarters in the temples.

To the Chinese the green frog stands for wealth-no doubt they expect to be well rewarded for the hours they spend in worship. Strangely enough, the brown frog, which is more common than

the green variety, is treated with scant ceremony. Millions of them and their legs are regarded as a great delicacy in good-class Chi- from men.-Vauvenargues.

### Our Gold and Silver

Since 1918 the U.S. mints have coined \$1,574,809,146 in silver, and since 1920 they have coined \$4,526,218,478 in gold. The United States stock in gold at the end of the fiscal year in 1940 was \$19,-963,090,869 in gold coin and bullion, and \$547,078,371 in silver dollars and \$402,260,615 in subsidiary Something About Him

"My dear, I never imagined you would narry the man you did," said Gladys. "Neither did I, my dear," replied her HEN an individual is agree with you. I would much friend. "I disliked his ways, but I

> Flush-Not Blush Boogy-See how the bride is blushing?

Woogy-Go on, man. That's not a blush. That's the first flush of victory.

# CLASSIFIED DEPARTMENT

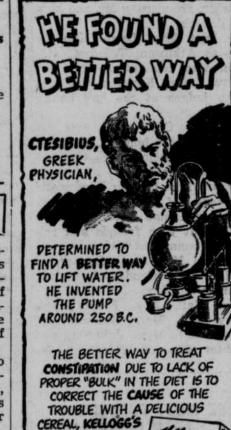
CREMATION



Effect of Society

Write to us for booklet

Society is the atmosphere of souls; and we necessarily imbibe from it something which is either infectious or salubrious.



**Expectation and Fear** We must expect everything and fear everything from time and

ALL-BRAN ... EAT

IT EVERY DAY

AND DRINK PLENTY

OF WATER.



From Choices Look out for choices; they run into habits, character, destiny .-Maltbie D. Babcock.



ARE AN INFLUENTIAL PERSON

The merchant who advertises must treat you better than the merchant who does not. He must treat you as though you were the most influential person in town.

As a matter of cold fact you are. You hold the destiny of his business in your hands. He knows it. He shows it. And you benefit by good service, by courteous treatment, by good value—and by lower prices.