By R. RAY BAKER

Little Sister

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Frances Hayden sat at the window of her room and looked out on a dreary drizzly day, Sunday, March 80. In one hand she held a letter. which was somewhat crumpled, as though she had started to convert 4 into waste paper and had thought bet ter of it.

Two robins were holding a conversa tion in the tree whose branches brushed the window. The birds started out as if they were quarreling, but the excited chirping diminished into a sound that was as near cooing as can be expected of robins.

"Wouldn't it be fine to be a bird?" Frances sighed. "They're liways happy, it seems.

She looked at the letter and a wry little smile adorned her face. "He calls me sister," she mused.

"That's what they all say when they want to leave you for someone else "Little sister'-that's what he says. It sounds pretty, but he used to say things that were prettier:"

She stood up and made a motion as though to throw the letter in the wastebasket, but changed her mind again and placed it in a drawer of the dresser. Then she stood before the mirror and surveyed herself critically for several moments.

The person who gazed back at Frances from the glass was not exactly beautiful, but there was some thing about her that would not permit her to pass unnoticed in a crowd. The eyes were just common eyes; that is, there were no special arches to the brows, and the long, graceful lashes that are considered so desirable were not there. There was a lot of good. wholesome blue in the eyes, which could not be discounted in an inventory of aftractive points.

The nose was inclined to be "pug." which gave the face a kind of saucy book, and the hair was nearly stringy, being of a rusty hue; but there was plenty of it, and it was done up attractively, if not up to the minute in style. The teeth were the principal attraction of Frances Hayden's countenance. When she smilled even the loast bit they showed, dazzling white sadness and pleasure. and even, and the smile was about as wweet as any girl could hope to offer. But Frances was unhappy. She had long suspected that Melville Clark had glance things over." coased to care for her-in the way he and Melville's eyes met those of Fransuce had cared. But, she told herself, it was hardly unexpected, despite the by the chugging of the motor. A moprotestations Melville had made, when be left Glendale two years ago, that he ment later Melville was out of the car uld never care for another girl and that he was coming back "some bright, sunny day" to make her Mrs. Clark. remembered the apprehensions. she had entertained at that time, regardless of his earnest words, that he would come across someone else in the hig city. However, Melville had writletter had relterated his intentions. could not help noticing that his letters

power again. "You mean 'little sister?' " she said, ing his call letters for at least thirty I, when \$5,393 were still on the payalluded more and more to friendship comewhat mischievously. seconda

an automobile approaching the bridge and the village. In the car was Melville Clark, on his way to Jenson City, 15 miles distant, to deliver a proposa of murriage to Julia Armstrong. daughter of Benjamin Armstrong, the System of Triangulation Will Give wealthy importer, who lived in the Bearings to Bewildered same city where Melville had made

usual get a dowry that would increase 'ALL U. S. PORTS TO WATCH

on which he asked her to marry him.

good in the financhi would.

that her parents did not object.

posal

later.

matters.

take up his ticket.

mile trin."

driver.

cinating teeth.

one," said the official. "You must have

forgotten to set your watch shead.

Shall I let you off at the next station?

"Can you beat that?" Melville ex-

laimed in veration. "I forgot this

was the day the daylight-saving law

went into effect." He thought swiftly.

'l'll get off at Glendale," he told the

onductor. "I can get an automobile

"Stop a minute," he ordered the

used to live here and I want to

The machine paused on the bridge

and clasping Frances in his arms.

"Stop right on the bridge. 1

to take me to Jenson City. It's a 15

as the guest of honor at a house party

Melville had decided to marry Julia.

not because of love but because she

A purring sound along the road made her look up the slope and see

Craft.

**TELLS LOST SHIP** 

vaste of riches had made him hungry for more, and he had set out delibappeared responsive, and he could see, Out Position of Boat by Compasses-Used in Navy. When Julia went away for a week

for Years.

New York .- Not the least of the young Americans will go to Sweden for technological study of an advanced at Jenson City and invited Melville to join her Sunday he had decided it was dangers attending the business of be-nature and ten Swedish students will ing a mariner has been that of losing nome to the universities here. the opportune time to make his pro-He arose Sunday morning one's hearings while at sea. Time was when the watch under his pillow told when the sailor's life was more rehim it was eight o'clock Picking up plete with danger than in these days dinavian foundation for 1919-20, have a timetable he made cure that the of advanced maritime efficiency. But been chosen for the foundation by a train for Jenson City left at 9:30, and though the ocean terrors were elimic committee of technical experts and then he smilled when he saw that one inated one by one until there remained professors. The men appointed are for Pembrook went gractly an hour

little to be afraid of, there still was Samuel G. Frantz of Princeton, N. J. the disconcerting possibility of a ship Princeton university; Harry F. Yancy The smile was occasioned by th losing itself; of fogs and compass ir | of Urbana, Ill., University of Missouri; realization that his old home town was regularities; of mishaps to instru-Chester C. Stewart of Wilmington on the Pembrook line, and because he ments and disabilities of steering Del., Massachusetts Institute of Techhad never gone back for visit. Franmechanisms. Thus every so often a nelogy; Harry W. Titus of Laramie, es Hayden did not enter his thoughts: liner 'ar freighter or a warship was re Wyo, University of Wyoming; Robert they were busy; with more important ported "lost in the fog" or "out of S. Sessions' of Worcester, Mass., lts course." When Melville arrived at the station

Worcester Polytechnic institute; Clar-The United States naval communicahe had five minutes, according to his watch, and a train was standing on tion service has perfected a system of triangulation that has eliminated the Moir of Boston, Mass. Yale Forestry are now in use. Both employ a belt reschiller of further maritime reports, school Houry M. Malanay of Syracuse, of worden blocks hinged together and the track. It was a branch station. ossibility of further maritime reports school; Henry M. Melopey of Syracuse, and he did not have to show a ticket of this sort. It is not the discovery N. Y., state school of forestry at Syraat the gate. It was only after he had been riding half an hour that he discovered he was on the wrong train. not be classified as a discovery. It is That was when the conductor came to position finding that has formed the Ill., University of Illinois, fundamental of range determination "Your train left an hour before this

Four of these men will study chemin the army and a straightforward istry, two hydro-electrical engineering. geometric theorum concerning inter- two forestry and two metallurgy, in all secting lines. of which subjects Sweden excels.

#### System Explained.

The perfected system has been in use in the American navy for a year. At 44 Whitehall street the system was explained briefly by attaches of the New York district central controlling radio station.

It is to be assumed that a ship is As the car approached the little a hundred miles off the middle Atlanbridge and Melville discerned the girl tic coast. She has lost her bearings, standing there a strange feeling came Her pavigators are unable to tell<sup>3</sup>her over him. The memory of that day latitude and longitude. At once the two years ago flashed across his mind, bewildered ship's radio flashes the and it made him smile with mingled American coast a demand to be told the data she néeds mosť:

"Where am I?" The houest coming within the see

tor for which the New York district central controlling radio station is reponsible, the appeal is received by five radio compass stations located at Montauk Point, L. I.; Fire Island Rocknway Beach, Sandy Hook and

He stood off and looked at her, with 44 Whitehall street by telegraph Yes, she was the same girl. There was and telephone. These radio compass the reddish hair, the sincere, whole stations cannot communicate with the some blue eres, and the flashing, fas' "lost" ship, as they are receivers only

Then Its Simple.

But it Shocked Some.

Just a Ouiet Smoke.

WHERE SHE IS Exchange of Students Planned March they who come from battle, kee for the joys of home: With United States.

THE CATROLIC JOURNAL

There are no captives with them, no Caesar at their head, With lions padding softly, to fill the men with dread. Freed From Dominance of German Their victor hands are guiltless, they've made no peoples slaves, They're white-souled as the children they Schools: Ten Will Take Swede Specialties. No city less a city that they were cap-New York .-- Proof that American

tains there; They passed, but there's no walling of women on the air. Heed ye the babes of Flanders, the aged of Lorraine-They pray the saints in sadness our sons and European students are alike freed. of the dominance of German learning and German universities is found in the fact that an interchange of stumay come again erately to win Julia for his bride. She Operators at Radio Station's Figure dents between this country and Swed- They used the might of heroes, but not en has been arranged by the American-And Frenchmen Standingstan foundation of New York.

the hate of Huns, d Frenchmen loved their laughter as Vandals feared their guns, u've seen their smilling faces, you've - met heir eyes that seem mehow to hide behind them the shad-own of a denome According to plans of this organization for the next academic year ten ows of a dream: fou've watched them swinging past you

TO STUDY IN SWEDEN FEARLESS KNIGHTS AND FLAW-

crusalers that we hall, fearless knights and flawless who saved the Holy Grail. come to the universities here. The ten Americans, to receive \$1,000 each as fellows of the American-Scanyour greatest pride conquering a Caesar no Christ they crucified!

RECORDS GROWTH OF TREES

Not as the laureled legions who slew fo

loved across the waves.

### Dendrograph Furnishes Information of Much Practical Value to Students of Arboriculture.

The deadrograph is a new instrunent\_devised by the department of botanical research of the Carnegie institution for recording growth and ject to my asking what corn-cure you ence N. Ostergren of Hoboken, N. J., other variations in the dimensions of "an recommend?"

Sheffleid scientific school; William S. trees. Two types of the apparatus Hard Life in a War Camp. Joe Heintzman came in from Cincinfastened securely as a supporting belt nati with gossip of a western war of any one man. Indeed, it truly can cuse university; Ratoh E. Zetterstrand around the trunk of a tree. In one camp. He said the work was to be of Munhall, Pa., Sheffield Scientific type, series of plungers in contact with hurried and the contractors put on all simply a perfection of a basic rule of school, and Thomas Fraser of Urbana, a number of selected points around the the men they could find, under the 10 treacarry on their outer ends an en- per cent on cost rule. ircling wire. Any change in position "One carpenter," said he, "was a

of the plunger moves the encircling sort of a lazy bird. He checked in wire and the motion is recorded by a each morning, and then he used to pen on a suitable revolving drum. The wander around in the shade and do econd type carries a voke which en ivery little work. The third day he circles the truck of the tree, with four noticed a man following him. Wherpoints of contact. Changes in volume ever the carpenter went, there was the of the trunk are followed by differ other man also. By and by he could ences in distances between the con- not stand it any longer. tacts, which are duly recorded as ""What the dickens you mean by tacts, which are duly recorded as These devices furnish an in- it? he asked, 'a following me around above. teresting record of the daily and sea- this a-way? I sin't a going to be

sonal changes in the size and form spied on. Do you get me? I'll quit of tree trunks. first." "'Why," said the other man, 'I'm

MAKES A GOOD MATCH SAFE wful sorry, Mr. Jones. I don't want to annoy you by following you around. But, you see, I'm your assistant."---New York Times.

No Carrots Causes Tears.

The vandals are destroying Fleet too dull for usefulness for its original street. Three or four of the oldest houses, including the bolled beef shop, have just been torn down. Poor old bolled-beef shop! It gave you the juiclest boiled beef, the meallest potatoes, the most delicious carrots, the most wholesome plain bread and the creamfest porter.

The late Paul Merritt, an enormously fat man, who wróte Adelphi melodramas, used to tell a story of a hungry man going into a beef a la mode. shon and ordering holled beef and car-

"Very sorry, sir," said the waitress, "but carrots is off." "What?" exclaimed the man. "No carrots! Good Lord !" And he burst into tears .--London Express.

No Need to Throw Away Nutmeg Grater Because It Has Become a Little Dull.

A nutmeg grater which has become purpose makes a splendid match safe, says Popular Mechanics magazine.

# Aviators Count Herds of Canadian Caribou Ottawa.--Aviators who have

flown over the barren lands of Canada say that there are at least 20,000,000 caribou there. The information comes from more than one fiver.

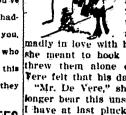
In the spring the herds migrate to the north, returning south in the winter. The country over which the herds range is a wild, desolate region, without timber, and the climate is

very severe.

WOMEN EMPLOYES ARE GOING Manteloking, N. J. Each of these stations is connected Returning Service Men Receiving Old

Positions Bac' - Females in Cierical Work May Stay.

Washington-Steady reduction in and not transmitters.-However, each the number of w.men employed by "By George! You look good, Fran- of the radio compass stations notifies railroads is taking place as the result ces!" he said, and he meant it. In the the central station in Whiteall' street of demobilization and the return of ten steadily for a year, and in every two years he had been weaned from that a ship within the district is der soldiers to their old jobs. From the the influence of that smile and those manifug to know its location. Imme high mark of 101785 women, em-During the next year, however, she eyes; but now he was back in their dintely the central station radios the ployes, on Oct. 1, 1919, the number headdered mariner to continue flash was decreased 14.3 per cent by April



that every girl and woman fell madly in love with him. He felt sure Vere felt that his day had come. "Mr. De Vere," she said, "I can no

longer bear this unspeakable anguish. I have at last plucked up courage to ask you a question which concerns my future happiness and comfort. Will-

The

Scrap Book

HAD DECIDEDLY WRONG IDEA

Miss Simpkins' Trouble Was Not With

imagined, ....

Miss Simpkins was a lady of uncer-

frightened

Vere, who was a

young assistant in

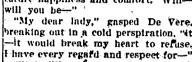
a druggists' shop.

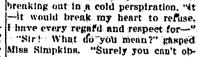
. De

tain appearance and age, and ruther

Her Heart, as Drug Clerk Had

"My dear lady," gasped De Vere.







and less to love. Finally they dropped off altogether, until for a period of five months none came at all.

Frances went about her stenographic duties in the real estate office lit over." Then to the chauffeur : with the usual smile and the same cacried a little.

Frances had given her heart to Melville when he went to the city to make a name for himself and a few coins for his pocket. It was a hard and rocky road, as his letters showed during that first year, and then his communications began to take on a more hopeful tone. "Things are coming, slowly but warely," he would write.

Frances hoped in vain that Melville. would return home for a visit. He canhada in Mexico is a splendid specihad said he would come for her when men of fantastic erosion-an "island" he "mide good ;" but now, when he was making good, there was no men-isides nearly 400 feet high and 70 tion of the visit. Then came this let- acres in area on the fairly level top, ter referring to her as "little sister," indented with countless bays, notched in which he told her that he had at last attained the object he had sought, of the island overhangs the sea like a He was a successful stock broker, with huge mushroom, and on the top stands an office of his own and a neat sum in a town which for artistic charm, eth hank. But never a mention of coming to Glendale did the letter contain-

Later in the day the sun chased the Ancoma is one of the pre-historic clouds away and warmed the earth Pueblo architecture. It was only with again and Frances went for a walk.

he referred to," she said, as she by a mere trail up the stem of the trict. fulness, when she recalled the "little sister" passages of the epistle from Melville.

At the edge of Glendale was a wooden bridge which spanned a silent little brook, wending its way through the valley with many twists and turns, day Engineering magazine. It should Foliage was beginning to adorn the nu- always be remembered that while if merous trees on either side of the occurs to the average person that w stream; which looked delightfully refreshing. Frances leaned over the this in reality is not the case: a model miling and looked into a ministure should always be flown with the wind whirlpool created by a bend which formed a pool just above the bridge. A a scale or reproduction model can fish coming up to dine on an early bug never he a long distance flyer as are left spreading circles in the water, and types of stick models. Further, a reit caused something like a sob in production model must necessarily Frances' throat. She had seen that have a propeller or tractor screw out same thing happen-perhaps it was the same fish-when she and Melville not capable of delivering, the necesstood looking over that same railing sary thrust to fy a model which must of day two-years ago. It was the day thrust developed.

"Hang the little sister !" he ejacu mello compass stations begin obtain-"Let's go down to the little ing hearings on the ship. inted. nook on the bank of the river and talk "Move ahead and wait beside the rond. Ill be back soon.

drowsy and he curled up on the seat. In a few minutes he was sleeping.

An hour later the chauffeur was wakened by a poke in the ribs. "How much do I ewe you?" asked

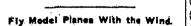
"I've decided not to go on project these lines upon the chart un-Melville. to Jenson City. I'm going to stay right here for a week."

"laland" in the Åir.

Three miles south of the Mesa Enin the air; a rock with overhanging with dizzy chasms. The greater part that, they will not proceed too near, nor yet exercise such great caution as to throw them out of their course And thus also is the danger attending mingical interest, and romantic hisfog banks eliminated. tory has no peer. This little town of Lieutenant Commander R. B. Coffman, U.S. N., is superintendent of the

central station at 44 Whitehall street. inconceivable labor this island town Lieut. M. W. Arps, U. S. N., is in Maybe this is the bright, sunny day in the air was built. It was reached direct charge of the New York dis-

threaded her way through the village; "mushroom." The age of the island is and she laughed, with a tinge of wist- not known, except that it was already old in 1540.



As regards the flying of a model plane, the beginner has much to learn, Topeka, Kan. - Clouds of writes William Maclean in the Every smoke coming from, the women's waiting room at the Rock Island depot here caused the patrons of the room to make an ( model should be flown into the wind investigation. Over in the corner, smoking a clay pipe pencefully, was an aged woman, all Another point to remember is that unconscious of the excitement she was causing. When the matron told her it was not the place to smoke, the aged woman calmly went outside the depot and completed her smoke. of proportion, as a screw to scale is She said she came from the mountains of Kentucky and was on her way to Nebraska. that same bridge on the same kind necessarily be too heavy for the

And at the same time the colls, The first women to be let go were

 $\sim 2$ 

wounded.

those engaged in heavy work in roundhouses and shops. In the cleri-

The operators in the five stations on scoupations, such as ticket selling. The grater is hung up by the hole or turn their compass wheels intil each where 72 per cent of the women handle on the larger end, the bottom ada, so they went forth into the woods

the five readings are combined. Each reading will indicate a certain numher of miles between the ship and the en were employed in shops and 1,000 face is too dull for good grating it is station that took the bearing. It is a in roundhouses in 1918.

relatively simple matter, then, to IS WAR TO BLAME FOR THIS til the five lines intersect. And that point of intersection is the location

French Dandles Now Addicted to of the calling ship Acknowledgment Powder Puff and Affect from the ship completes the operation. Wasp Walsts.

Every American port is now being afequarded by fust such sistems of Paris,-Wasp walsts for men are the radio compasses and central stations. Within a few months, at my point thing in Paris this spring. Corsets has suffered the greatest damage lies along the coast, muriners will be able may or may not be worn, but the coat high on a hill above a little town not to approach channels, reefs and shoal; must make an elegant curve at the waters with an absolute assurance

but Andre Le Fouquieres, the Beau Not one missed its mark. Monument-Brummel of the town for ten years, al crosses are heaps of twisted iron declines that the smartest men must and broken stone, and at the points discard the skirts and have the bot-tom of the coat clinging tightly around remains but deep holes.

the bips. More startling than the masculine waistline is a post-war addiction by dandles to face powder. Many men

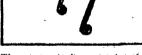
are now using the powder puff, dabtions?" bing themselves quite openly with tan powder, which gives the appearance ble and happy the social system should of trench burn to drawing room





under the direction of Gov. Thomas Riggs, Jr., are patrolling the fishing ports to protect the fishing companies property from fish pirates. Pirates opened fire upon one of the der as green manure. Now they bring tenders of the Thlinket Packing com- as high as \$65 per acre for cattle pany, according to a wireless mesfödder. sage received by Governor Riggs.

The tender rave chase, but the pl rates escaped. Another message said that in a clash between the canners and fish pirates one pirate was



Statistics compiled by the Railroad matches to come just under the lid of eachages. But, alas, pobody would dministration show that 5,000 worm the nutmer pocket. If the range suradministration show that 5,000 wom the nutmeg pocket. If the rough sur-

just right for striking matches,

Huns' Savage Crime. Among the many crimes with which

the Germans are charged is that of the destruction of religious monuments and everywhere in the devastated dis triets are graves which have been violated and vaults which have been burst open. One of the cemeteries which remains but deep holes.

A Dissatisfaction.

"Did the bolshevist succeed in arousing your disapproval of social condi-"He did. When a man is comforta

provide against letting a bolsh come pround with crude interruptions."

Just Any Kind of a Boy. Advertisements are meant to "pull." During the war an office manager in desperation tried to get pulling power into his désire for a messenger. The advertisement he printed read: "Boy Juneau, Alaska.-Submarine chasers wanted-Young or old-Elther sex."

> New Cattle Fodder in Demand. Before the war, leaves of the sugar peet crop in Holland were plowed un-

May Replace Copper With Iron. Experiments are being conducted tion looking toward the replacement of copper by iron wire as a conductor of. electricity.

Why Sugar Crop Was Failure. A body of French monks who migrated to Canada a few years ago knew that a popular sweet was obtained from the famous Tree of Can

pacity for work that she had always rout. If be back seen. displayed, but when she got home at might she often shut herself in her recom and thought hard, and sometimes over his face. The air made him that an accurate hearing. These five were used, reduction has been small, of the nutmeg pocket is taken out and hold tapped and collected sap and readings are transmitted to the con-shift hard, and sometimes over his face. The air made him that an accurate hearing. These five were used, reduction has been small, of the nutmeg pocket is taken out and hold tapped and collected sap and readings are transmitted to the con-when will likely remain permanently. Sufficient height above it for the sufficient height above it for the

Investigation disclosed, says Little Journal, that the holy men, in their ibundant and unquestioning faith, had tapped every old tree near the mon astery, and this bolled-down juice from pine, hickory, spruce, maple, etc. did not appeal to the American palate.

## Will Miss the Regularity.

"I presume you're mighty glad the mr is over."

"Well, I don' jes' know about dat." mawered Mandy. "Cose I'se glad to have my Sam back home an' all dat. waistline. A few dandles are sport of destruction was carried out by arr bet I jes know I ain't never gwine t ing a skirt-like flow below the waist, ial torpedoes, five of which were fired. did while he wuz in de army an de government wuz handlin' his financial affairs."

Busy Uncle Sam

"I'm sorry," said the diffident woman, but I've got to ring up central and get information at the depot about. when my train leaves and then send a telegram to my aunt, besides buying transportation and a lot of other

things." "But you have a perfect right to do

"I know it. But I do hate to be such bother to the government!"

## Lavish Ostentation.

"Has Crimson Gulch gotten used to robibition 7

"Yes, said Cactus Joe. "The boys didn't know what to do with their money for awhile. But Bill the bar-

keep<sup>r</sup>has opened an ice cream soda fountain with a price list that makes a man feel more liberal than ever hen he buys a drink."

The Fitting Disposition.

"I was surprised at Hawker's speech, as I had believed that all aviaors must be of an amiable disposi-

"Why must they?" "Because if they are guarrelsome ley are apt to fall out.