

Returning up the river from th

open sea the drifters jockey for moor-

ing positions. Stretching away from

which David Copperfield said-" . .

the harbor is the flat landscape of

that a mound or two might have im-

proved it; and also that if the land

had been a little more separated from

the sea, and the town and tide ha

rot been quite so mixed up, like toast

Eager eyes strain for the first

glimpse of the boats as they round

the bend of the river. Some are low

ir, the water, indicating a heavy catch

pickling yards near-by.

Facts About Fish

There are about 10,000 fish known

from those that reach a maximum

length of one-half inch to those

which have a minimum adult length

The surface-swimming fish of Bra-

zil and the guianas have eyes which

are divided in the center, horizontally.

The upper half is used when swim-

ming on the surface, the lower half

used when swimming below the sur-

to be silent, many make vocal sounds

The gurnards grunt like pigs; the

maigre bellows, purrs and whistles;

similar to the grinding of teeth and

the South American catfish growls

The salmon, the most productive of

Many fish are able to walk about on

The mud-skipper and gurnard are

able to flop about on land, and are

often found forty and fifty feet from

the shore. The climbing perch, an

and the Malay Archipelago, can

The eel is the most famous of the

electric shock artists among the fis

colony. However, there are about

fifty different species of fish capable

of giving electric shocks. A few are

shores; and the star-gazer of the In-

dian Ocean; and many others belong

In the famous Mammoth Cave of

As the age of a tree can be told by

its rings, so can the age of a salmon

scales. Also, to an expert, these

ridges which are of light and dark

Declared Harmful

Toy Tin Guns Also Assailed

Toronto .- Wooden soldiers and tin

gins are harmful and dangerous to

the peace of the world and should

be abolished, the Ontario Council of

Women decided in passing a resolu-

tion undertaking warfare against war

"This is one of the most ridiculous

resolutions which make us women a

laughing stock among men," one dele-

"We needn't be afraid of that; men

"You can take military toys away

are already a laughing stock among

us for many of the things they do,'

from children," commented Mrs. J.

Cullen, Niagara Falls, "but a boy will

make a paper hat out of a newspaper,

put a stick at his side for a sword,

The resolution urged the council to

"undertake a campaign of education

from buying such toys for any chil-

Apple-sauce will appeal to the kid-

dies if used as a spread on raisin

bread. A whole wealth of health in

and play soldier just the same."

toys and games.

gate objected.

another retorted.

that combination.

by Council of Women

shades, tell its complete life history.

Wooden Soldiers

Kentucky, the fish are all blind!

ing to the catfish tribe.

means of its extra powerful fins:

all fish, has been known to lay over

twenty million eggs at one time!

much like a dog!

Scots Fisherfolk Flock to Yarmouth

for Herring Season - Make Gay Despite Poor Market

By PETER LYNE.

Yarmouth, Eng.-Somber harbor and water, it would have been nicer.' wharves here have suddenly assumed a carnival air with the arrival of a reving host of gayly-ciad Scottish fisherfolk for the autuma season, writes Peter Lyne Christian Science Monitor.

Across the wide dockside red orange jerseys trace a colorful tern. North Sea winds play pranks nade the wharfside a maze of masts. with fanciful blue, green and purple The catches are swung ashore from headscarves. Shiny black overalls the bows to come under the salesmen's gleam in the sun and rubber topboots bell and hammer, while coal is taken Must be very old." beat a dull tattoo on the cobblestones on amidships ready for a speedy reas Highland lassies prepare kippers turn to the open sea. "Crans" of fish and pickled herrings for dinner tables are whisked away to the curing and in four continents.

More than 2,000 of these; pictur- steamers are busy taking on board esque girls and 551 trawlers and crew barrels of herring for continental left their rugged coasts and congre- ports. . gated at Yarmouth his year to handle probably the biggest herring catch in the world-numbering nearly 90,000. 900 fish in two months in a specially good season.

DANCES ON THE WHARF.

Appearances of men along the of tifty feet. wharves seem to have changed little; since the day when David Copperfield paid his first visit to Yarmouth and pictured Peggotty's nephew, Ham "And you couldn't so properly have said that he wore a hat, as that he was covered in a 'top, like an old cuilding-with something pitchy."

At the pickling plots, agile fingers - of the girls flash to the accompaniment of merry laughter. The laugher is intelligible to an Englishman, the American sunfish emits sounds out not the jests in broad Scottish brogue. "Eightsome Reels" danced among the barrels of fish and songs scented with heather and spiced with Highland lore enliven lunch-hour respites.

There is talk of the fish run. There is talk of salty things that only sailland, and many can even climb trees ormen understand. But there is strangely enough also talk of politics and diplomacy. Discourse on international trade relations has been rivaling songs and dances as spare time diversions. The fisher-folk have found Anglo-Soviet relations a vital climb trees of a goodly height by issue to their livelihood.

Nearly 80 per cent. of the catch is exported and there has been a marked drop in sales with the tendency in recent years of countries to raise tariff barriers and build their own drift-

Deputations and appeals to the torpedo or electric ray of our own Government and threats of strikes by the curers have reflected the seriousness of the situation, whic has been aggravated this season by a glut of herrings. There has been discussion as to how the Government can help by giving credit to Russian buyers, who have been the largest importers | Le told by the concentric ridges on its of fish in the past.

In the first 10 months of 1932, when the commercial agreement was in ferce, the Soviet Union imported more than 400,000 cwt. of cured herrings from Britain. In the corres ponding period of this year, in which the agreement was ended and has not yet been renewed, the Soviet Union has imported only 5,283 cwts., valued at £3,607, compared with £179, 724 in the previous period. The industry was deeply disappointed that a new agreement was not reached in time to insure disposal of a big au

tumn.catch. Failure to find new markets means early closure of the season, with a result that many boats and girls have to return to Scotland with little or no profit and sometimes without even earning their expenses. This is doubly hard for them as they regard the Yarmouth season as a means of setting aside enough money for the winter when fishing around their native coasts is on a small scale,

IN CRITICAL STATE.

With their industry in such a critical state these folks might be excused for revealing signs of discontent. Yet they display a remarkably brave and cheerful philosophy. It seems that in their constant contact with the greatness of nature, with the salty tang of the wild north winds, with against the sale and display of solthe apparent dangers of the oceans diers and other toys of a military nathey have learned the art of living ture, and particularly at the Christwith least possible concern for the mas season urge everyone to refrain problems of civilization.

Thus it was that a prominent har- dren, and also ask parents and teachbor official could .. say "there never | ers to discourage all games and mimic was a more happy and law-abiding lot | warfare." than the Scottish fisherfolk"-fisherfolk for whom the present season is one of tremendous activity.

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Jill of the Fields

A ROMA' CE By Kennaway James

Motherless Jill Morrow becomes, on the death of her father, owner of a considerable farm. She decides to take her father's place. She counts on Mark L'anson, head man, to assist her. Mark resents some remarks made by a stranger who visits the farm. He is Phillip Ear bour, who professes to be investigating the history of old county families. Jill permits him to make notes, which he Says he needs for the College . f Heralds. On returning to London he meets two foreigners who were expecting him.

CHAPTER III.—(Cont'd.)

Mr. Dodgsbody's real name was Himmons. He was a seedy-looking person, very morose, and did some mysterious business in antiques. He had of agricultural science both in Lonalso acquired many years ago a good knowledge of heraldry. It was because of this that Barbour had asked the others to-bring him along.

"I've got r little job for you, Dogs-Others ride high and will have to wait body," said Barbour, taking from his for the next outing for a better fish- pocket his notes of Jill's cont-of-arms. "Have a look at that," he said.

Soon several hungred drifters have Mr. Himmon's took the piece of paper from him gingerly. . "Unusual," he commented as he

"If that's all you can say about it,

Dogsbody, you can go home," said Barbour with a laugh. "I want you could hardly believe his good fortune. to go into it properly and let me know He felt like "some watcher of the skies what it means-gules and bar sinus- when a new planet swims into his ters and all that kind of thing." "Very well," said Himmons, "I'll

get it done in a day or so." "You'll get it done in an hour or so," said Barbour. "At least I should like it by tomorrow morning."

"Very weil," replied Himmons meekly. "In that case I'd better be going." So saying he drank up his wine and made a kind of undertaker's exit.

elderly Frenchman, gave a laugh. "What's it all about?" he asked in perfect English.

Berthold, who also spoke English, isked the same question. Barbour briefly explained.

Although fish are commonly thought "So you have seen Miss Merridew?" said Merters in a surprised tone. 'That's excellent. What is she like?" told you what she's like you wouldn't believe me or, if you did, you'd both Board of Agriculture, who, with tru She's a marvellous creature."

and laughed.

after, not the girl."

thing. Carries on the farm herself, who said his country was willing to ready in the morning. Then I go back inhabitant of Ceylon, Burma, India,

a good thing if our friend did fall in name was Mertens. love with her. He should not have ridew's papers?"

the electric cat-fish of the Nile; the have been in his study and I think I hemorrhage ended his life. shall be there again. She's not a girl Neither his executors nor Jill were to be hurried. In fact, she's half in- aware of the great secret he had left

There was a ring of sarcasm in Merton's voice as he replied:

"I'm afraid we can't go_back and talk to the Minister about Miss Merridew's beauty."

"I know," said Barbour, "but your country wants the formula must await its time. It has waited a year, so it can wait a little longer." "I suppose you are right," said Mer-

The formula to which they referred was one which promised a revolution in agriculture. Jasper Merridew from his middle age had made a close study don and at Stone Town, always thinking that somewhere could be found combination of ingredients capable of producing a fertilizer which, as Mr. Jorrocks would have said, "could make two blades of grass grow where one grew before."

For many years he and a friend in London, who was an expert chemist, since dead, had been on the verge of discovering the last links in their read it. "Pity the color's worn off. chain, but it was not until shortly before his own death that old Merridew stumbled on that for which he and his friend had so long been seeking. He

for he knew it was of incalculable of it to Phillip Barbour. worth. He foresaw the day when he ers lost, and restore a Merridew once come of farming stock, but he had

covery in the best way. He had a dis- he had treated with much less devolike for the international trust and tion ever since. combines which seemed to have the control of most fertilizers. He had paid their prices long enough.

He decided that the importance of his formula made it more a matter for "Bleu!" exclaimed Barbour. "If I the government than for a combine therefore he discussed it with want to go and see her this minute. British officialdom, kept him waiting for months and then refused to buy The other two exchanged glances Moreover, the existence of the formula was not kept-secret.

'Don't forget it's the formula you are he did little about his formula for Barbour. some weeks and then, to his astonish-"I'm not forgetting," replied Bar- ment, he received a call from a repre- coat-of-arms explained by friend Dogsbour, "but she really is a lovely sentative of the French Government body," said Barbour. "That should be buy the formula. Jasper Merridew to the country and see Miss Merridew, "Tell us all that happened, Phillip," was very terse, and gave a message to again." said Mertens; then he turned to Ber- the French Government which its enthold and added: "perhaps it would be voy dared not transmit. The envoy's

Old Jasper made another approach much difficulty about the formula if to the British Government with the she accepted him. But tell us, Phillip, same result as before. Then he decidhave you got as far as seeing old Mer- ed to offer his discovery to one of the 'Not yet," returned Barbour, "but I approaching them, a sudden cerebral her to let me work in the house with

clined to be suspicious already. But behind, but probably in that house of Stone Town, there lay papers worth

Definite Improvement in Trade of Canada First Aid

BANK OF MONTREAL ANNUAL MEETING

ment that has occurred in world wide in the United States shows how little trade, as well as of the steady gain in the elimination of political influence many industries in Canada, were can be relied upon, he said. among the outstanding features of the addresses submitted at the annual meeting of the Bank of Montreal.

Sir Charles Gordon, the president. in the address to shareholders, stated was better than a year ago, and that in Canada, for the better part of the lie. year, definite improvement in business had been going on. Canadas external commerce had also grown in volume.

Sir Charles also bad a cheerful word regarding improved conditions in Great Britain. The country's faith in simple. well proved methods had once more been justified, with the result that Britain's credit stood as high as ever, and London had regained her position as

the financial centre of the world.

Royal Commission on Banking in regard to the question of estabdians thoroughly versed in the bankcountry. These two members are not in accord with the rest of the Com mission in their findings. He drew attention to the cost of operating such history of the Federal Reserve and "a future."

more than the farm-and all that was

This, of course, was known to Monsieur Mertens and his government, He did not mention it to Jill, for he who promtply gave him "carte had a confirmed belief in the inability blanche" to secure the formula. It gave to yourself." of women-even his own daughter- no instructions. It imposes no resto keep a secret. His discovery con- trictions. It just left it all to Mon- whiskers and then recommenced jured up alluring visions to his mind, sieur Mertens, who, in turn, left most stamp his feet.

Barbour was not unversed in agricould buy back the land his forefath- cultural matters, for, not only did ne When he had gone, Mertens, a dark, more as lord of the manor of Morley. | held a post under some agricultural His first thoughts were directed to- organization until he lost it through wards selling the results of his dis- over-acquaintance with Bacchus, whom

It was Barbour who had originally informed the French Government of the formula's existence.

The reason for Densti's being chosen for their meeting place was that it was unobtrusive, for Mertens felt himself fairly closely watched by the Special Branch of Scotland Yard which keeps a keen eye on the political eccentricities of other nations.

"And what is the next step?" asked "Be careful, Phillip," said Berthold. Merridew was so hurt by this that this gentleman presently of Phillip

"Well, the next step is to get that

"Let's hope she still loves you," quipped Berthold, but he received a quelling glance from Phillip who, despite himself, had come to feel slightly sensitive where Jill was concerned.

"And then I shall do my best, having made this headway, to persuade the old documents which she says she has. I suppose I shall have to spoof her a bit, but I expect I can manage that fairly easily. And, you see, she will be out on the farm most of the time. I can have a good look round." "Isn't there anyone else in the

house?" asked Mertens. very big house and old Merridew's lies to the west of Nova Scotia, or rcom is well away from the main

he had listened to a little more. "I'm in apple blossom time, inspired as to any man must be credited the almost beginning to think I should Longfellow to write his great poem, revival of inland airways, transportcongratulate you."

part."

Meanwhile Jill had thought many lies near the flourishing town of of September. His aeroplanes - all round the farm with Phillip Barbour, | tragedy of the expulsion of the "Dragon" biplanes-flew over three and the intelligent interest which the Acadians. . They certainly lost a rich main routes, Lonton-Paris, Londonman showed had amazed her. She heritage and British settlers won a Clacton, and London-Margate. The little knew that Phillip was laboring great country. Today the province Clachton service, which was the first to keep back his undoubted knowledge yields over 2,000,000 barrels of ap- to be organized by the Hillman conof farming, lest she should become too | rles every year. curious about him.

able kind of man with a vivacity which Its significance will, moreover, beshe attributed to his French descent. come greater with the years, for Bri- single service was cancelled and there His knack of throwing little poetic tain is eating more and more fruit was no forced landing, a fact that is quotations into his conversation pleas- in its search for greater and greater ceasing to cause surprise nowadays ed her, for it was a knack of her own, health, and the silk-checked apple but yet is worthy of record as addiand they laughed together at the dis- with the sweet crisp flesh is one of tional evidence of the dependability

farming subjects, yet with something ples blossom in the Land of Evangeof the poet about him, made a definite line-The Empire Review. appeal to Jill, and she thought of him many times during the day.

When he had gone, she returned to Removes Stomach to the cider-making and was quite aware of the curious glances of her men. Moreover, old George Bowker's joke about wedding had remained in their simple minds.

shaw-bacon with just enough intellion the matter.

funny things about you and that young the shortest air route across the At- ach, and must eat six times a day man, Miss," he said.

George himself heard it and stopped stamping his feet to glare fiercely | Arctic it will also be possible to carry!

striking indications of the improve | Reconstruction Finance Corporation

Bank in Strong Position. Mr. Jackson Dodds, Joint Genera Manager, reviewing the annual state ment of the bank, pointed ou' that of the total assets of \$765,500,000 the that practically the world over trade liquid assets aggregated \$492,509,000, or 71.15% of the liabilities to the pub-

> Ot special interest was the announcement that the bank now bas

In summing up. Mr. Dodds said:

ward world recovery, but many artiticial parriers still impede progress Economic and financial disruption with accuracy. have been brought about to no small extent by the operations of Central nomenon with which every one of us Bank's under political influence, by 'excessive tariffs and quotas, by exaggerlishing a central bank in Canada, Sir ated nationalism bordering on ancient Charles pointed out that two members tribalism, the stoppage of free migra- stroboscope is the name of a toy of the Royal Commission were Cana tion of peoples, distrust and selfish which is much older than electric fans. ness, by impatience, a loss of individ- it produces the illusion of motion ing and economic conditions of this palism on the part of citizens and when a series of pictures is viewed their surrender of independence in many former democratic countries.

circumstanced in that it is a young through such a wheel. In its more an institution and the probability that country, with an abundance of nature's scientific form the stroboscope is an the bank would always be under the gifts, with a hardy people, self-reliant instrument for observing the succescontrol of a political party and there and free of traditional batreds, and sive phases of periodic motion by fore subject to political influence. The with an inspiring past and a boundless means of light periodically inter-

Jill turned on George with assumed

tering eye,"-she said, "I'll stop your is compared with the periodic flashes cider if you don't keep your nonsense of a lamp. The lamp illuminates the

(To be continued.)

-An apple festival has been held in

Canada in celebration of a very important anniversary. Precisely three hundred years ago, according to the ancient chronicles, Pierre Martin, a French settler in Nova Scotia inspired perhaps by homesickness, planted a number of apple-trees, and found both so ace and satisfaction in watching them mature and fruitify Others followed his example and, in course of time, the valley where he and his friends had settled-the famous Aunapolis-became one of the finest fruit-producing districts in the world. So rich has been the Annapolis yield over the intervening centuries, and so bountifully has it bestowed its pecuniary blessings on the people of the province, that the apple festival was devised for the first time this year to mark their mindfulness of these mercies and their recognition of their responsibilities

The Annapolis Valley may well claim to be the very cradle of Canada itself. Nova Scotia, is the oldest part of the Dominion from the point of view of European settlement, John Cabot having planted the flag of Britain there in 1497. It was not until 1604 that a permanent post was established by the French, but even then their little town-Port Royal-was the first European settlement north of Mexico. Four years later a church was built there and from it the torch of Christianity was passed from hand to hand through-"Yes, several people, but it is a out Canada. Annapolis Valley itself Acadie as it was called by the French. It is roughly one hundred "Splendid!" exclaimed Mertens when miles long, and its beauties, notably "Evangeline". The village of Grand ed 4,490 passengers during the 24 Pre, which he immortalizes there, weeks' season which closed at the end She had enjoyed her walk Windsor. The poem tells of the of them twin-engined de Havilland

She found him to be a companion- ness was a blessing for the Empire. service 1,191. To find him practical-minded on art of keeping nt. Long may the ap- gines.

Stop Stomach Ache

Newark, N.J .- Vilhaljmur Stefansson, noted Arctic explorer, predicts the normal size so Dr. Karl Meyer, that before 1945 one of the busiest assisted by Dr. Peter Rossi, took it On of them, named Larry Luby, a routes to Europe will be across the out Nov. 2. Krall has his esophagus Arctic wastes. Addressing Univer- connected to his intestinal tract, gence not to be a lunatic, nearly got sity of Delaware students, he said the which in medical books is called "esohimself into trouble by addressing Jill safest places for aeroplanes are the phego-jejunostomy." Tropics and the Arctic and that the Krall has to do some extra chewing "Old George, he been saying some Arctic has the advantage of being to make up for the loss of his stonlantic.

> Because the air is heaviest in the he said.

For Watches

A New Device to Regulate Our Timeniaces Owiel'y "Leave it here for ten days" is the familiar request of the jeweler to whom you give your watch to be regulated. He needs all those days because he must compare the travel of the

watch's bands with those of a stan-

dard chronometer. The reason, of

course, is that even the minute hand moves very slowly. But why compare the seconds band with that of a chonometer or with some second-beating device? "H. M. over one million deposit accounts in Stoller, E. R. Morton and C. H. Fetter of the Bell Telephone Laboratories reasoned thus and at last produced "Natural correctives are working to | what they call a stroboscopic watch timer which makes it possible to regulate the finest watch in ten minutes

By- "stroboscopic" is meant a pheis familiar. Place two electric fans the one behind the other and the blades will seem to turn very slowly. In fact through the openings of a revolving wheel. Any revolving object can be "In contrast, Canada is fortunately made to stand still optically if viewed

The Interval of Flashing.

The new electric watch-timer is a form of stroboscope. An image of the "By thy long grey beard and glit- balance wheel reflected by a mirror spokes of the wheel only during George numbled something into his flashes. Since the interval of flashing is the same, as the swings of the balance wheel, the wheel seems to stand still. That can happen only if the watch is keeping step with the flashes. If the watch is fast or slow the wheel appears to oscillate. The amount of error is found by adjusting the flashes until the wheel stands still. Looking at a dial electrically connected with the lamp, the jeweler reads off at once just how far wrong the watch is.

Everything depends on the correct timing of the flashes. In the Bell Telephone Laboratories is a little dynamo called a "constant frequency generator." It generates 100-cycle alternating current, which means that every second the current makes 100 complete swings back and forth in the circuit between the lamp and the generator. What we have, then, is a kind of electric pendulum (the-current), which makes 100 full beats every second. The laboratories see to it that the current is out not more than one in 10,-000,000 swings.

The electric timer is about as big as a standard typewriter. By its means watches are tested in four positions.

Inland Airways **Bisect Britain**

Is Expected 20 Lines Will. be Working in the Year

London. - Some of the results of working unsubsidized air lines in Great Britain this summer are now coming to hand. The present year will be remembered in the history of British civil flying as the first yearin which realy determined efforts were made to operate such services; at one time no fewer than 11 routes were flown over regularly. Next year, if all plans materialize, no fewer than 20 lines will be working.

NO FORCED LANDINGS. Edward Hillman, to whom as much cern, attracted 1,543 passengers, the Pierre Martin's bout of homesick- Paris service 1,756, and the Margate

Six 'planes were employed. Not a the most potent factors in the genial of British aeroplanes and aero en-

Arctic and Tropics Best for Airplane

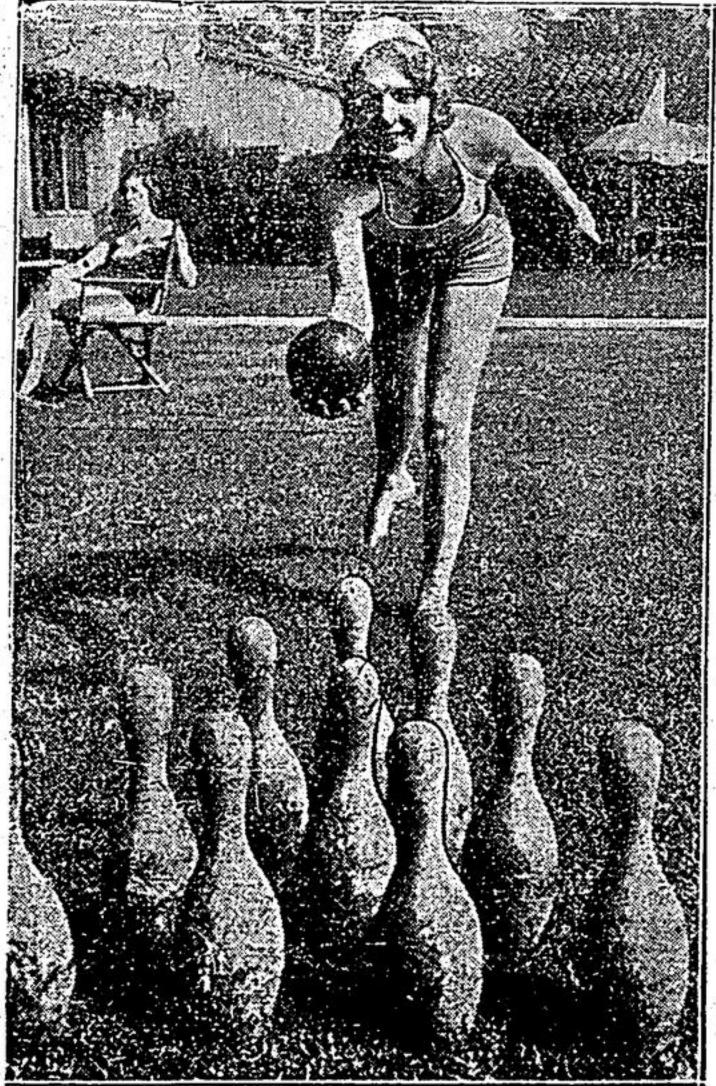
Chicago.-Joseph Krall, 33, no longer has that stomach ache because he has no stemach.

His stomach was but one-fifth of

instead of three.

"There is no more independence in at the hapless half-wit, who wilted sloft bigger pay loads with less fue! politics than there is in jail."-Wil

Good For What?



California, the land where they do everything but swim in bathing suits. This is the finals in something or other at Venice.