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Europe's Wheat Crop Said Far Below Normal

Reliable Reports Estimate Average Loss 25 Per Cent as Compared With Last Year's Big Harvest

Reliable information last week, said the Associated Press, confirmed grain trade reports that Europe's wartime wheat crop was substantially below the 1,640,000,000 bushel average of recent seasons.

On the basis of data coming very largely through Broomhall, British trade authority, and Canadian and United States government sources, traders estimated losses range up to more than 33 per cent compared with last year's big harvest in some localities. The average loss was estimated at 25 per cent. This would place the crop about 10 per cent below average of recent years.

Whether this deficiency is to be satisfied by increased importations or whether Europe is to tighten its belt even more in the face of possible famine in some regions will depend upon the course of the war which has shut off most of the normal traffic in grain imported by Europe, trader experts said recently.

"What a travesty this is," Richard Uhlmann, Chicago grain authority, pointed out, "with the world's wheat carryover the largest in history. Unfavorable weather and mobilization of peasant labor (in Nazi-controlled countries) have had their effect."

Duchess Uses Legpower



Restriction on consumption of oil and gasoline in embattled Britain have immobilized almost all private automobiles. The Duchess of Atholl, who is president of the County Red Cross association and other enterprises, manages to get about to her duties on a bicycle. Her Grace is shown here cycling from her home in Eastwood, to her headquarters.

Motor Log Makes Trip More Fun

Keep Track of the Details of Your Journey in a Notebook Especially for the Purpose

As everyone has found, half the fun of a motor trip is talking about it afterward, reviewing all the details. Far into the winter, it goes: "We left Uphill a little before six, and got to Downdale at noon. Two hundred miles, and only seven gallons of gas."

There's a delightful little book which aids these reminiscences, and makes them entirely authentic. There are spaces for the date and time of each trip, from and to, the number of miles between each stop, the route number, the number of gallons used, and the cost. A page may be used for each day if desired, with the names of each town. At the back are pages of comments, and for the names and addresses of acquaintances made along the way. Truly no journey is complete without one.

Take Care of Milk In Summer

Dairy products are easily contaminated. Hence, to protect the family's health, milk should be kept constantly covered in spotless containers and at a maintained temperature of no more than fifty degrees. If the milk is stored in bottles, wash the outside of the bottle, being especially careful to cleanse the mouth and cap.

SUNDAY SCHOOL LESSON

LESSON VII
GOD'S CARE OF HIS PEOPLE.

—Psalm 23.
GOLDEN TEXT—Jehovah is my shepherd; I shall not want. Ps. 23: 1.

THE LESSON IN ITS SETTING
Time—David lived through most of the eleventh century B.C. This psalm has no date; some place it early in his life, and some late in his life; tentatively we might say that it could have been written about 1040 B.C.

The beauty of this little psalm consists first in its calm assurance of Jehovah's all-sufficiency; and second in the simplicity, variety and fullness with which this assurance is set forth. The essential thought is felt to be one from beginning to end, and that thought it sweet. The infinite God is mine, and cares for me, provides for me, is with me. Every blessing named appears as a personal gift. It is this intense personality which so greatly endears the psalm. And then there is a satisfying conclusion: it is a consummation, which delights because of the feeling of home-longing to which it appeals, and which it assures of satisfaction.

Jehovah in this psalm is Shepherd, Guide, Host — relation to whom as sheep, traveller, guest, is easily imagined by every quickened soul.

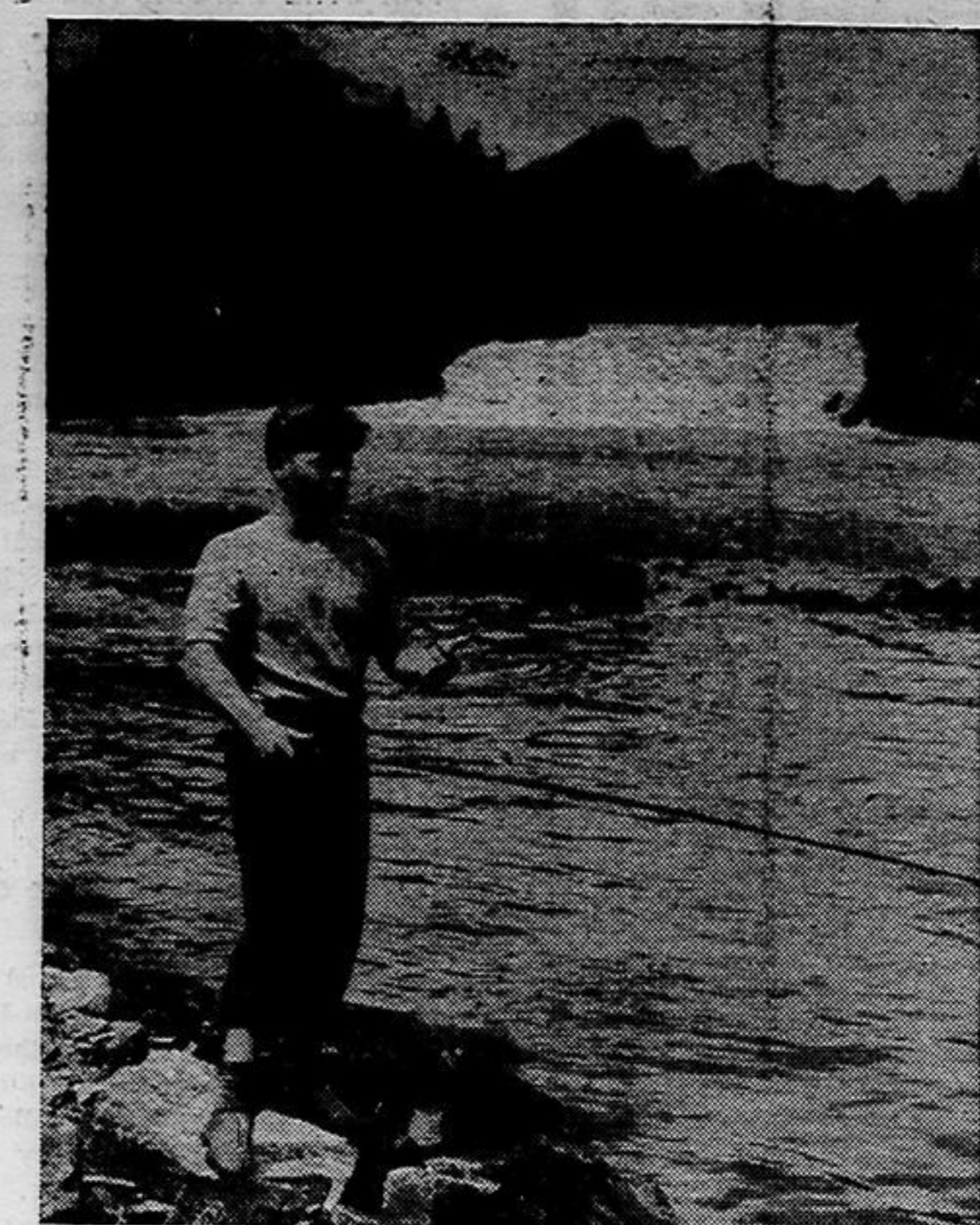
What the Shepherd Does For Us
Ps. 23: 1. Jehovah is my shepherd; I shall not want. If someone else were the shepherd, I might want. But when the Lord is my shepherd he is able to supply my needs, and he is certainly willing to do so, for his heart is full of love. 2. He maketh me to lie down in green pastures; He leadeth me beside still waters. As God has clothed the earth with verdure of green, because green is the most restful of all colors for the eye, so God brings the soul into green pastures — into places where the eye of the soul will be delighted with the things that it beholds, most of all, the beauty of the Lord, the loveliness of Christ, the holiness of life itself, and the resplendence of the hope which is set before us — these wonderful truths always rest the fevered and weary soul.

Guide and Restorer
3. He restoreth my soul. Christ uses many restorative ministries. Sometimes it is the word of a friend or minister. Or it may be some lovely mood of nature. He guideth me in the paths of righteousness, for his name's sake. In the spiritual life, of which the psalmist is here speaking, the word "path" is a very simple, easily understood symbol of one's conduct, the manner of one's life, determined by the things he does and the things he walks not do. 4. Yea, though I walk through the valley of the shadow of death, I will fear no evil; for thou art with me; Thy rod and thy staff, they comfort me. Was the Lord able to recover the soul from life's wayward weariness and hunger? He will equally defend and keep it amid life's deadliest dangers. "Thy rod and thy staff" are not synonymous, for ever the shepherd of today, though often armed with a gun, carries two instruments of wood, his great oak club, thick enough to brain a wild beast, and his staff to lean upon or to touch his sheep.

Spiritual Joy and Blessing
5. Thou preparest a table before me in the presence of mine enemies. In the Lord our God we are secured against the destructiveness of our yesterdays, the menaces of today, and the darkening fears of the morrow. Our enemies are stayed at the door. We are the Lord's guests, and our sanctuary is inviolable. Thou hast anointed my head with oil. This similitude is borrowed from the usage of an Eastern feast, in which the welcome of the host to his guests is expressed by the precious unguents with which he anoints them on their entrance into his home. Our anointing is ours in the mind and intention of God; it is for us to seek it, to appropriate it, and to allow it to be the one blessed consciousness of our life. My cup runneth over. The cup is a symbol expressing man's capacity for any particular experiences, as a cup filled with suffering, or a cup of joy. Here it seems to speak of contentment. The cup symbolizes man's desires and needs, and the overflowing cup—the abundant satisfaction of these needs and desires, so that the man who has the Lord for his shepherd, and has all the blessing of which the psalmist has just been speaking, knows a life filled with contentment, peace and satisfaction.

Assurance of Hope
6. Surely goodness and loving-kindness shall follow me all the days of my life. Not goodness

"Andy Hardy" Goes Fishing Below Bow Falls, Canadian Rockies



Sure, it's Mickey himself busy casting for trout in the beautiful Bow River below tumbling Bow Falls. He hasn't got one yet, but there's lots of trout in that river and he'll have one before long or that look of concentration means nothing. Picture was taken round the end of July when young Mr. Rooney, on holiday between pictures, was a guest for several days at the Banff Springs Hotel. —C.P.R. Photo.

alone, for we are sinners needing forgiveness. Not mercy alone, for we need many things besides forgiveness. But each with the other linked—goodness to supply every want; mercy to forgive every sin. God will not break off his kindness, nor suffer his faithfulness to fail, nor forsake the works of his hands, for "his mercy endureth forever." And I shall dwell in the house of Jehovah forever. I shall be a member of his household, a member of his family, enjoying his protection, holding communion with him, and subsisting on his bounty. David surely must be thinking of life beyond the grave, of fellowship with God in a heavenly home.

A commercial treaty was signed between Norway and Great Britain as long ago as 1217.

Temper—Your Voice

When angry a person invariably raises his voice in pitch as well as in volume. Hundreds of experiments with the human voice have been conducted by two eminent professors, Dr. Grant Fairbanks and Dr. Wilbert Frowns, of the State University of Iowa, in which film and stage actors as well as business men and women in all walks of life have figured. They have discovered that when rage or fear grips one, the voice goes up a full octave above the pitch level for indifference, contempt, or grief. These three ranges in the neighborhood of low C. When actors portray emotion their voices cover a pitch range of fully three octaves.

RADIO REPORTER

By DAVE ROBBINS

AUTUMN FORECAST

Although this hot weather keeps us well aware that it is summer it will not be long until the cooler fall days, and all the new programs of the 1941 season will be making their bows. This fall will see great changes in faces and casts, as well as the types of shows, on all the networks and major stations.

The public is clamouring for new radio shows — not something just done over from the old pattern, as the Charlie McCarthy show was. This season will see Eddie Cantor back on the air lanes, Fred Allen in a new show on a new network—and you will hear many newcomers to radio taking star parts in the new programs.

So you can look forward to a real season of top-notch entertainment this fall and winter!

A MODEST BEGINNING

Playing stooge to a star is not always an ignominious role. Nicolas Massue is an example. He is the well-known Montreal tenor who is frequently heard as guest soloist with the "Sevillans" programme, presented over the CBC network Saturdays at 8.30 p.m. He tells this story of his modest beginning in the world of opera: He was sitting patiently awaiting an audition in an agent's office in Milan. In the sanctum sanctorum a well-known prima donna was singing for the agent. When she came to her favourite aria from "Butterfly," she refused to sing without the aid of a

tenor. The agent knew better than to cross her, and in desperation he faced the line of aspirants in the waiting room. "A tenor," he cried—"any tenor!" Massue answered, sang with the soprano and when the audition ended, he, and not the lady, was handed the contract. The following week he made his debut as the Duke in "Rigoletto."

GOLF CHAMPIONSHIPS

CBC listeners will have an opportunity of following the progress of the 1940 Canadian Open Golf Championship tournaments which are to be played on the course of the Scarborough Golf and Country Club. The special events department has arranged to cover the story in a number of specially scheduled periods on three days of the play. Thursday, August 15, and Friday, August 16, at 1.00 to 1.30 and 7.00 to 7.15 p.m., EDT; Saturday, August 17, at 1.30 to 2.00, 6.15 to 6.30 and 6.45 to 7.00 p.m. EDT are the times announced for the play, and, finally, the description of the Seagram Gold Cup.

T. O. Wickland and Roy Dilworth will handle the broadcasts, which will be made available through the use of a double short wave set-up. Pick transmitters and Mobile Unit No. 1 will contribute to the technical efficiency of the broadcasts, so that golf enthusiasts hundred of miles from the scene will be able to hear the top-notch club wielders in their great moments.

Saving Ontario's Natural Resources

(No. 3)

Much has been written about the passenger pigeon and its disappearance. The best account we have for the species in Ontario is by Margaret H. Mitchell in Contribution No. 7 of the Royal Ontario Museum of Zoology and I do not intend to repeat a too familiar story. But every bit of evidence we have shows that man was solely responsible for the extinction of these birds. In one year, 1878, at Potoskey, in Michigan, market hunters shipped over a million pigeons from one colony. No bird, no matter how abundant, could stand such destruction.

RECORD OF DESTRUCTION

White pine makes the best lumber of any of our native soft woods. Formerly it grew in a great belt across Ontario from Lake Huron to the Ottawa. Lumbering for this pine started early in the 19th century. The trees were made into square timbers that were floated down our rivers and shipped around the world. The only virgin, stands of white pine that remains are in Algonquin Park for it took only 60 years to despoil the growth of centuries.

WE CAN REPLENISH

The record of the destruction and waste of many of our natural resources can be duplicated everywhere on the continent. Looking back we can see the mistakes but our forbears believed that the wild life, the forests and the fishes would last forever. This was quite understandable but we should endeavor to avoid similar optimism. We can replenish many of our depleted resources but it will take a long time.

Farm Notes . . .

THE SPRING WHEAT THAT CAME THROUGH

Winter-killing of Fall Wheat is one of the commonest arguments against seeding this important crop, writes Prof. Henry G. Bell, of the Ontario Agricultural College, Guelph. Winter-killing may be occasioned by poor drainage, continued drought in fall, desiccation or drying out due to cold biting winds in late winter and early spring, or starvation due to deficiency in plant-food. A well-nourished Wheat crop will usually survive low temperatures and drying winds of winter and early spring.

Ten Fall Wheat growers in the Niagara Peninsula reported little difference in appearance between fertilized and unfertilized Wheat last fall. In spring they reported an average winter-kill of unfertilized Wheat amounting to 24%, but only 8% winter-kill of adjoining fertilized Wheat.

AN OUTSTANDING SURVIVAL

One outstanding survival occurred on the farm of Mr. Morrison Comfort, St. Anns. Last fall as winter set in, Mr. Comfort reported the unfertilized Wheat about 80% normal, and the unfertilized Wheat about 40%. His soil test showed the field to be acid in reaction (5.0 p H) medium well supplied with nitrate nitrogen and potash, but very low in available phosphoric acid. Fertilizer was applied at 250 lbs. per acre to half of the area. This spring the Agricultural Representative of Lincoln County graded the fertilized area 90% normal, and the unfertilized 30%.

The average yields and weights per bus. for fertilized and unfertilized Wheat in the 1939 tests were as follows: Fertilized—43.9 bus. per A. weighing 59.0 lbs. per bus.; Unfertilized—33.1 bus. per A. weighing 58.0 lbs. per bus. Gain from fertilizer—10.8 bus. per A. and 1.0 lbs. increase in Wt. Per Bus.

One-Sided Beings

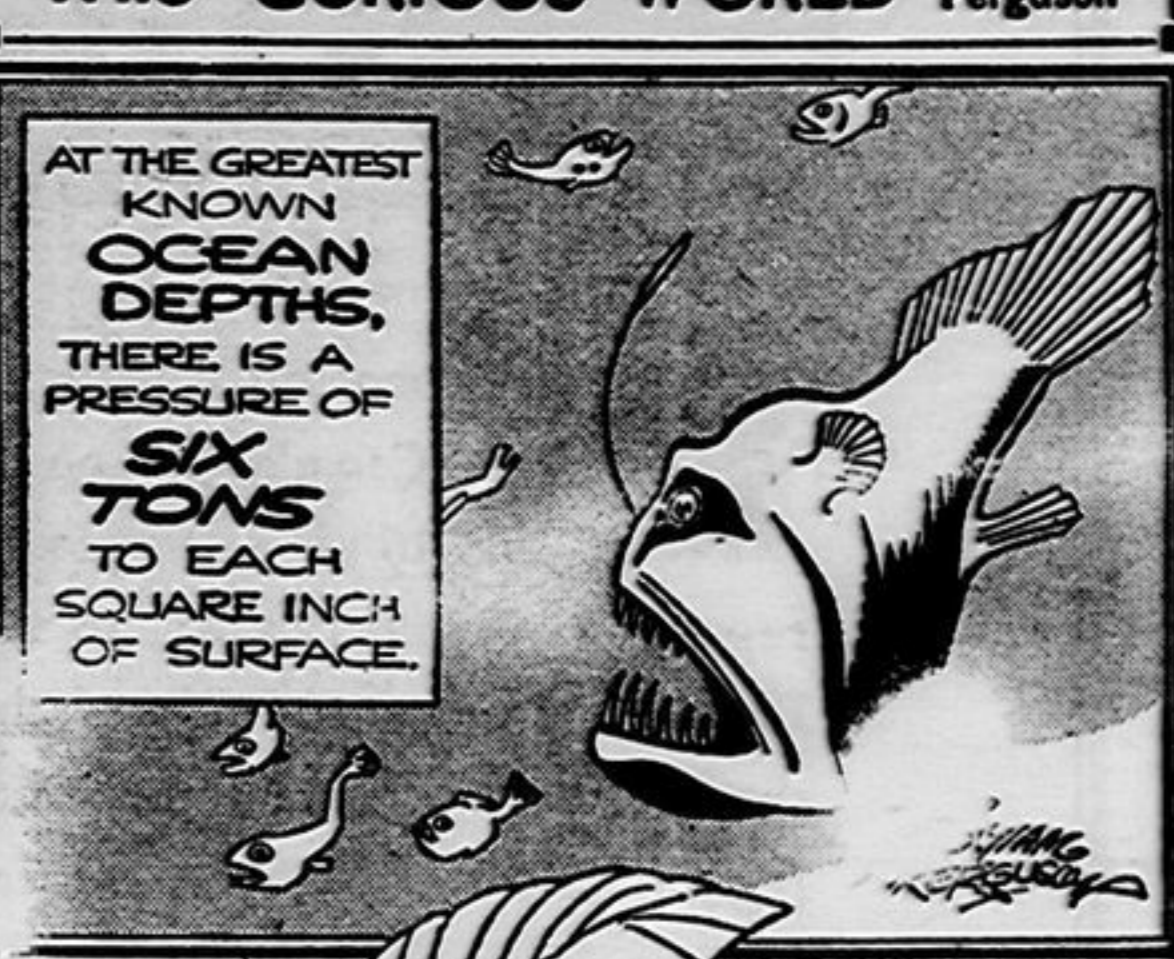
Limbs on the right side of the human body are nearly always bigger than those on the left.

Champ Hair-Splitter

The Americans claim to turn out the finest machine tools and is George G. Webber, of Cleveland, Ohio, whose steel blocks are finished so perfectly that when placed together they stick as though welded, and must be slid apart. Recently he was engaged

in a job where he had to work to eight millionths of an inch, a measurement so fine that it is difficult to imagine. It is like splitting a hair, and then subdividing it eight or ten times. When working to such limits, Mr. Webber takes into consideration the heat of his body and the light thrown off by the electric bulbs in his workshop.

THIS CURIOUS WORLD



SEA PRESSURE increases at the rate of a ton to the square inch with each mile of depth. Off the island of Mindanao, in the Philippines group, soundings of 35,400 feet have been reported.

NEXT: Are red squirrels good swimmers?

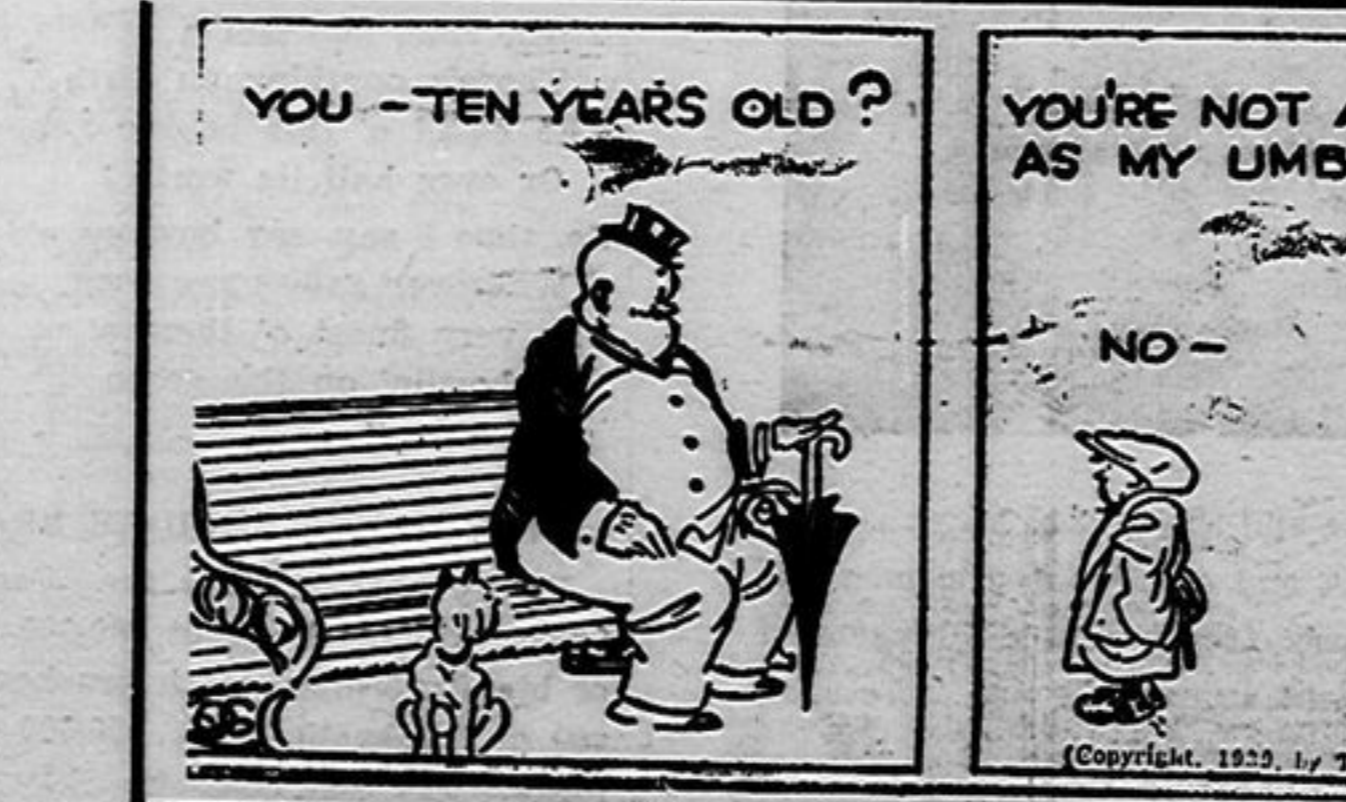
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12 Father.
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23 Wrath.
24 To perturb.
26 Membranous bag.
29 Transposed.
30 Going before.
32 Sound of pleasure.
33 Bulk.
34 Uncommon.
36 Eternally.
37 Fashion.
39 To career.
40 Scolding person.
42 Height of a person.

ANSWER TO PREVIOUS PUZZLE
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17 Pool.
18 Amidic.
19 Small nail.
22 Repeated.
24 Accented syllables.
25 Growing out.
27 Lava.
28 To captivate.
30 Wages.
31 Three.
33 Wise men.
35 Poem.
37 Distant.
38 Payment demand.
41 In a row.
43 Berets.
44 Chestnut wax.
46 To close with.
48 Queer.
50 Eucharist vessel.
51 Postscript.
53 Sloth.
55 Above.
57 Note in scale.



POP—If It's a Matter of Age



By J. MILLAR WATT

