

Look-in

Junior TVTimes No 29 week ending 24 July 1971 Every Thursday 5p

MOUNTAINS OF FIRE! The truth about volcanoes—special feature

The craziest football match ever!





Crowther in trouble

A prize problem for Leslie!



By arrangement with Leslie Crowther.

Clive Alan investigates volcanoes and the recent eruptions of Mount Etna

MOUNTAINS OF FIRE!

THE BLOOD-RED TONGUE OF MOLTEN LAVA licked the crater edge before surging forward suddenly to envelop the mountainside with its fiery touch. Soon, the moving lake of liquid rock scorched a path of incalculable heat into the neighbouring countryside.

Etna—a 10,877-foot-high mountain in Sicily—is Europe's highest active volcano. On April 3rd, this year, it stirred like an angry beast, growling savagely as though woken from hibernation. >>>>>→



The picture shows an eruption from the core of Stromboli (3,031 feet high)—situated in the Lipari Islands, off northern Sicily.

← Since then, flows of molten rock and clouds of ash and gases have belched from within its heart.

A staggering sight—and one which has drawn thousands of sightseers to join the anxious inhabitants of many local villages, like those of Fornazzo, Milo, Sant Alfio and several others.

But the eruption of Etna is nothing new. In fact, this mountain of fire has exploded into seething molten fury at least five-hundred times.

Vesuvius, neighbour of the more recently active Mount Etna, is another famous volcano which you can read about in history books. The year was A.D. 79, and the Romans believed Vesuvius to be safely extinct. They were wrong. A shifting morass of lava, together with ton upon ton of ash, swamped the nearby towns of Pompeii and Herculaneum.

But just what degree of power does a volcano possess to destroy homes, and often even entire towns? Perhaps the best answer is by way of an example. In 1956, Mount Bexymiany, in Russia, exploded suddenly. The force of the eruption was equivalent to that of three-hundred hydrogen bombs!

All volcanoes are not of the same type. Vesuvius and Etna are cone-shaped. These contrast with the shield volcanoes—so-called because they look like immense shields on the earth's surface. One of this type is the huge volcano of Mauna Loa, in the Hawaiian Islands.

Niragongo is something rather different from all these. Situated in the Congo, it is the name given to an immense lake of blistering lava. Niragongo—which means 'the Mother of Gongo' a locally esteemed spirit—is a mile across and 1,200 feet deep.

One thing, of course, which every volcano has in common is the lava which so readily bursts out to create a path of burning destruction. It is not truly known how lava—or *magnum* as it is called when below the earth—is formed or how it moves. But lava can travel as fast as thirty-miles-an-hour! One type is the *pillow lava* which appears to be composed of a pile of pillar or sack-like masses, varying from several inches to several feet long. This is formed in underwater volcanic eruptions.

What is realised, however, is that magnum contains large amounts of gases. It is *these* which produce the energy for a volcanic eruption.

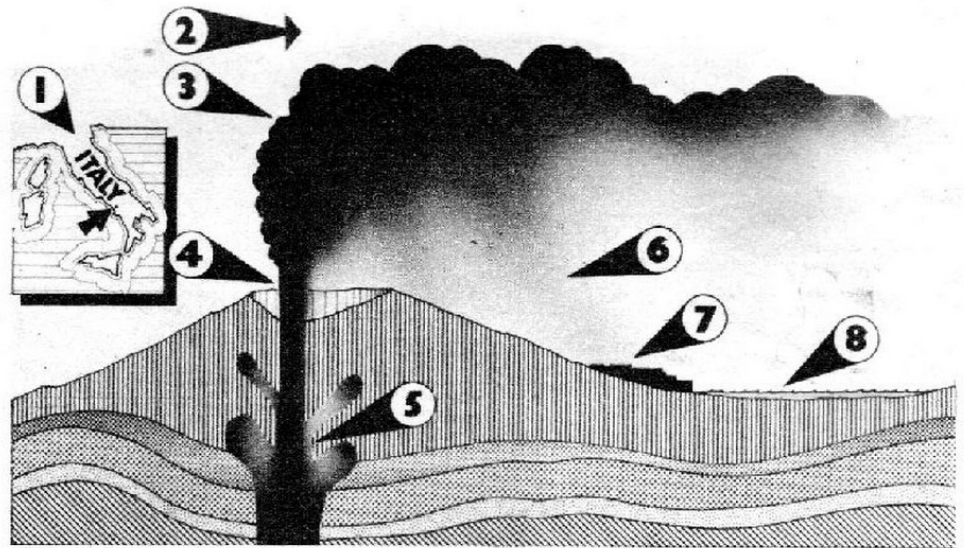
Today, the study of volcanoes is a specialised science. Experts are known as volcanologists.

But even so, volcanoes will remain one of Nature's most powerful and incredible forms of creation . . .

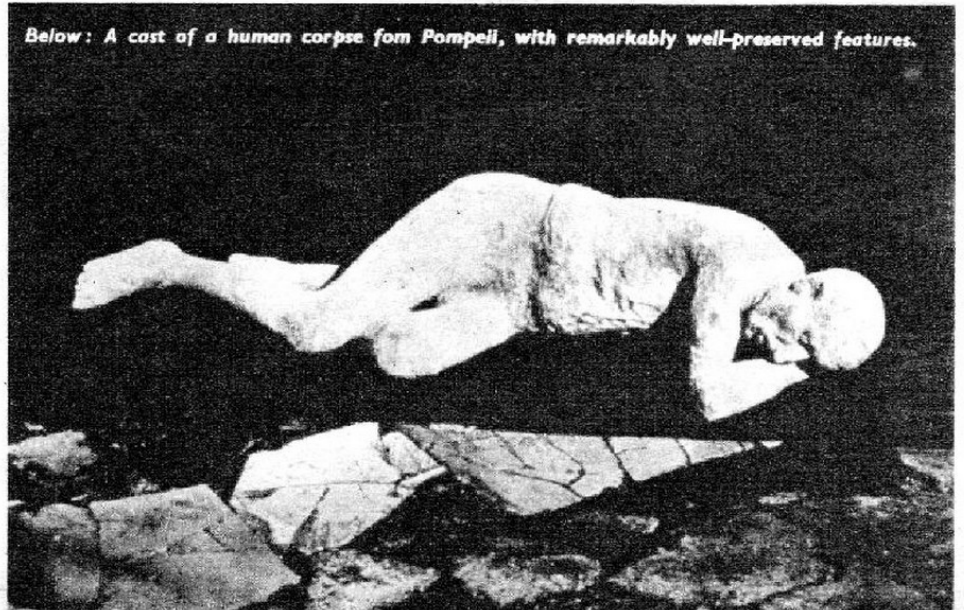
Far right: Three spectacular photographs of Mount Etna which erupted on April 3rd this year. Below: Dr. Tazieff witnesses a volcanic eruption.

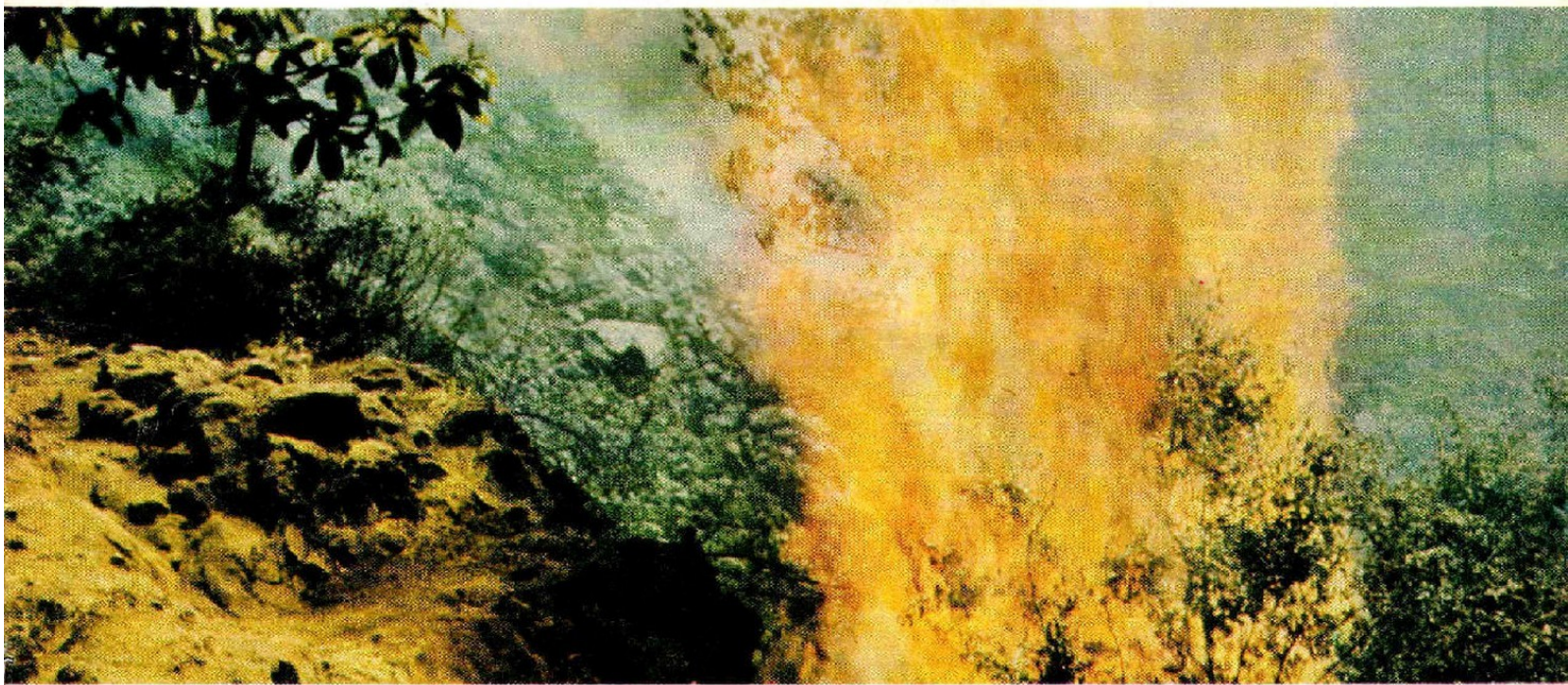


Below: what happened to Pompeii in A.D. 79. 1 Map's arrow shows Pompeii. 2 Wind direction. 3 Volcanic cloud consisting of hot ash, pumice, dust. 4 Crater within Vesuvius' cone. 5 'Conduit' of hot magnum from below the surface. 6 'Fallout' of dust, ash. 7 Pompeii—situated on edge of the Bay of Naples. 8 River Sarno joins Bay of Naples.



Below: A cast of a human corpse from Pompeii, with remarkably well-preserved features.





TIMESLIP



WITH THE INCREDIBLE ABILITY TO PASS THROUGH THE TIME-BARRIER, LIZ AND SIMON HAVE MOVED INTO THE FUTURE. BY ACCIDENT, THEY FIND THEMSELVES ABOARD A MOON-BOUND SPACESHIP...

I'M SCARED, SIMON! WHAT'S GOING TO HAPPEN TO US? WHO'S GUIDING THIS ROCKET?

IT'S THOSE BODIES DOWN IN THE CONTAINERS BELOW THAT GIVE ME THE CREEPS! SLEEPING THERE LIKE THAT!



LIZ, WE'VE GOT TO TRY AND WORK THIS RADIO!



BUT AS SIMON MAKES A MOVE...

DON'T TOUCH IT!

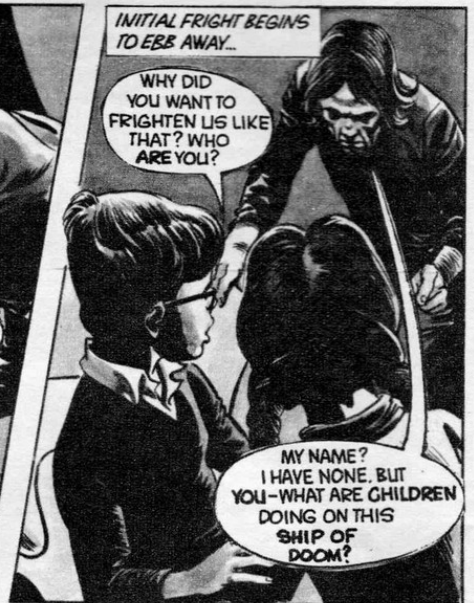
YEEEAAGH!

OHHHH!



IT... IT'S THE MAN FROM THE CONTAINER!

OPENING IT MUST'VE BROUGHT HIM OUT OF HIS... HIS TRANCE...



INITIAL FRIGHT BEGINS TO EBB AWAY...

WHY DID YOU WANT TO FRIGHTEN LIZ LIKE THAT? WHO ARE YOU?

MY NAME? I HAVE NONE. BUT YOU - WHAT ARE CHILDREN DOING ON THIS SHIP OF DOOM?



HALTINGLY, SIMON TRIES TO TELL THE MAN ABOUT THE TIME-BARRIER...

IF IT IS AS YOU SAY, THEN YOU HAVE BLUNDERED BADLY. HAVE YOU HEARD OF THE COLONY OF THE CONDEMNED? THAT WHICH THEY ONCE CALLED THE MOON?

I DON'T UNDERSTAND! YOU MEAN A PRISON?

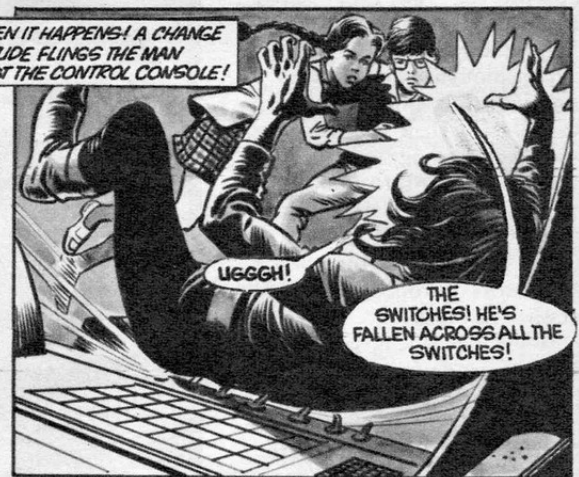
AYE! THAT WAS THE WORD OF THE ANCIENTS! PRISON! AND A CONVICT. AM I RIGHT? THEN I AM A CONVICT, BOY - AND THE CONTAINERS HOLD OTHERS LIKE ME!

MEANWHILE, ON THE SURFACE OF THE MOON, A DOMED CONTROL ROOM COMES TO LIFE AS DUTY PERSONNEL OF NUMBER ONE PENAL SETTLEMENT ARRIVE TO TAKE STATION...



PREPARE TO TAKE COMMAND OF THE FERRY FROM EARTH. SHE'LL BE WITHIN OUR RANGE IN FIVE SPANS.

THIRTY-SIX NEW NUMBERS FOR THE MINES. PRODUCT DIRECTION ARE GOING TO BE HAPPY.



THE SHIP-SAVERS

—Magpie takes a look at the salvage scene...

THE warm blue waters of the English Channel are friendly and inviting when they lap against the beaches of a South Coast resort. But they're not always like that.

On a winter's night out in the Straits of Dover they heave endlessly, cold and dangerous, glistening black with the spilt oil from a thousand tankers, passing through into the open sea.

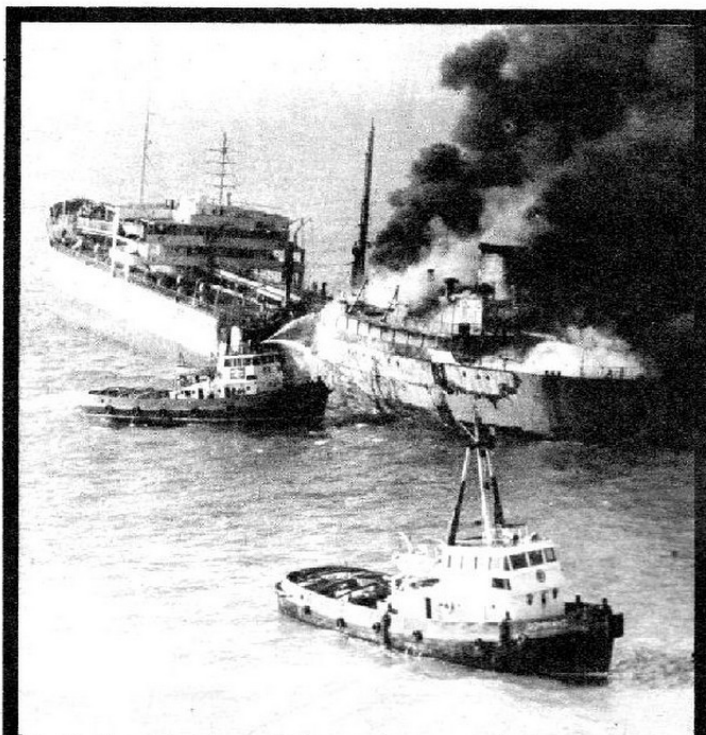
Yes, these waters are dangerous, for scant feet below the surface lies the treacherous Dogger Bank, a shelf of concealed sand where many a great ship has met an icy doom. Also in this, the busiest shipping lane in the world, there is always the danger of collision, too: when one ship founders others soon strike the wreckage. In February, alone, three ships came to grief in this way.

What happens then? As soon as the distress signals bleep out from a stricken ship, into action go a strange new breed of ocean adventurers—the 1971 equivalents of the pirates of old. Unlike their historic counterparts, though, their task is to *save*, not sink. But just the same they live by their wits and their daring to bring in the booty and make their fortunes.

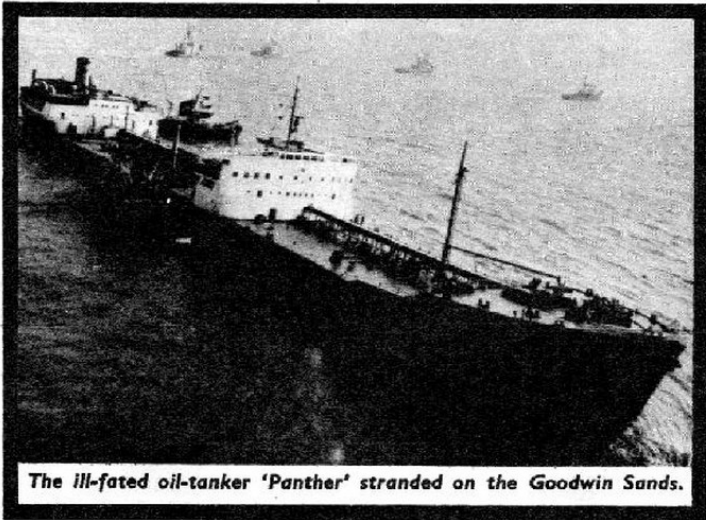
These men—usually Germans or Dutchmen—sit waiting in tiny tugs moored in the ports of Northern Europe, ready for news of any disaster.

When the sea whips up and the fog comes down, they tune in their radios listening for the 'Mayday! Mayday!' distress call. If and when it comes, they rapidly steam out to the scene, as fast as they dare. The first tug to arrive usually makes the big money. Sometimes, they lie in wait in the ports of Southern England, like Ramsgate, for the English waters are the most dangerous of all. When the 13,000-ton tanker *Texaco Caribbean* blew up on January 11th this year, the force of the explosion broke windows of houses all along the Kent coast.

As soon as the booty-hunters get to the scene, their task is to refloat the ship and bring both craft and crew to safety. If they succeed, a handsome reward—a percentage of the



Smoke obscures half of the 'Sitakund' after she exploded three times.



The ill-fated oil-tanker 'Panther' stranded on the Goodwin Sands.

Murgatroyd



value of the ship—is paid to them by the owners. If they don't—they receive nothing. The technical term is 'no cure—no pay'.

Dangerous seas aren't the only problems the booty-hunters face. When the 16,000-ton Liberian tanker *Panther* became jammed on the Goodwin Sands earlier this year, several tugs arrived on the scene at the same time. Round and round the *Panther* they steamed, puzzling out how to get it off. Soon, along came a Royal Navy ship, armed with plenty of winching gear to help free the tanker.

But the tug-masters wouldn't let the Navy near. Eventually, after pumping out the hold to lighten the weight, the *Panther* was pulled clear.

Often, the towing home of a damaged ship is the most dangerous task of all, with the stricken ship refusing to steer properly, laden with sea water, and threatening to pull the tug down into the depths. Even without sea water, a tanker is a tremendously heavy object: the *Panther*, for example, was carrying 26,000 tons of oil when she crashed. Imagine what that oil would have done to our beaches if the booty-hunters hadn't pulled the ship clear...

The greatest towing task of all was the recent towing home of the *SS Britain*, a century-old steamship that had been rusting away in South America for longer than anyone can remember. She was brought the thousands of miles home, without any trouble, by a craft a fraction of her own size.

There is no 'rate for the job' in the dangerous life of a salvage expert. The price of bringing in a wreck is agreed between the owner and the salvage-hunter, with famous London brokers Lloyds, keeping an eye on things.

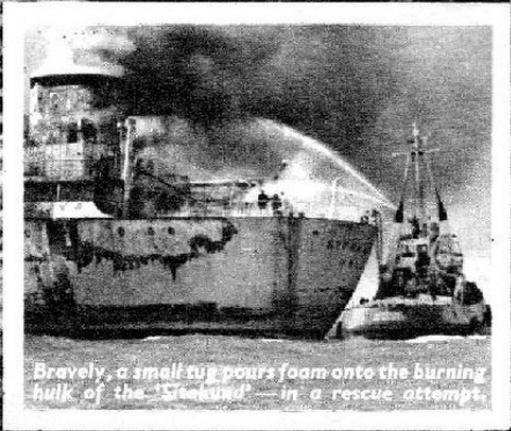
But you can be sure that a booty-hunter isn't cheap. When the owner of a modern tanker worth millions of pounds sees it breaking up on the dangerous waters of the English Channel, he is not going to argue about the odd thousand pounds. No wonder the ocean adventurers can afford to retire early—if they live that long!

'Magpie' is published by arrangement with Thames Television Ltd. © 1971 Thames Television Ltd.

WAGERS



Right: the wreckage of the infamous 'Torrey Canyon' tanker which foundered off Land's End in 1967.



Bravely, a small tug pours foam onto the burning hulk of the 'Steakund' — in a rescue attempt.

Potter gets the bird—parrot fashion!

PLEASE SIR!

HEDGES IS OUT OF FAVOUR...

OH, DISAPPOINTMENT, HEDGES. AS A BRIGHT, YOUNG STAFF MEMBER YOU NEVER SEEM TO COME UP WITH ANY IDEAS THESE DAYS! FIVE 'C' NEED INVOLVEMENT!

I KNOW, HEADMASTER! WE'LL HAVE A PETS DAY AT FENN STREET — SHOULD KEEP MY LOT QUIET FOR A BIT!

VERY WELL, HEDGES — AND LET'S HOPE IT'S A SUCCESS!

BUT NEXT MORNING...

OH, DEAR! I'VE HAD SECOND THOUGHTS ABOUT MY IDEA — WITH FIVE 'C', ANYTHING CAN HAPPEN!

DON'T WORRY, 'EDGES! I CAN 'ANDLE ANY TROUBLE!

MEANWHILE...

COR! IT'S A REAL LIVE CHASE!

HEY! WATCH OUT!

ERK! CALL IT OFF, SHAR! THAT MOGGY'S GOT CLAWS LONGER THAN YOUR FINGER NAILS!

SERVES YOU RIGHT, FRANKIE ABBOTT! YOUR STUPID DOG BARKED AT MY JASMIN!

THEN...

SSSH! THE DESERT VETERAN'S COMIN'!

I'VE JUST HAD A LOVELY IDEA!

WHAT?

SQUAWK! LONG-NOSED POTTER! LONG-NOSED POTTER! SQUAWK!

POTTER STORMS OFF...

I'M REPORTING THIS INCIDENT, DUFFY! IT'S TIME YOU WERE DISCIPLINED, MY LAD!

GO TAKE A RUN, NORM! HAW, HAW!

OH, NO — ME PARROT'S ESCAPED!

QUICK — STOP IT, SOMEONE!



THEN...

I TELL YOU, SIR—HOOLOGAN DUFFY WAS DOWNRIGHT INSULTING!

HMM! WE SHALL INVESTIGATE YOUR CASE, POTTER!



MEANWHILE, OUTSIDE THE SCHOOL...

MY, WHAT A LOVELY DAY! I DO HOPE THE HEADMASTER LIKES MY NEW HAT?



AS FIVE 'C' RUN INTO THE PLAYGROUND...



EEK! I'VE BEEN ATTACKED!

AH... A 'KILLER'! I'LL GET IT!



BUT...

AAARGH! IT'S GOT ME— BUT I'LL GO DOWN FIGHTING!

GOOD GRACIOUS!

YOU TOUCH MY BIRD AN' I'LL DO YER!



HEDGES SAVES THE DAY...

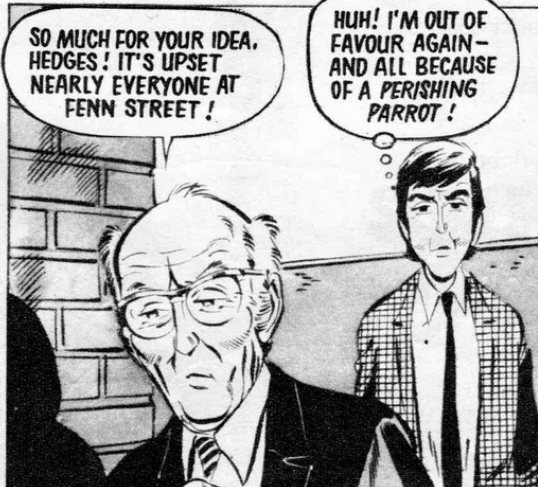
IT'S ALL RIGHT— I'VE CAUGHT IT!

OOH! SIR'S ALWAYS SO GALLANT!



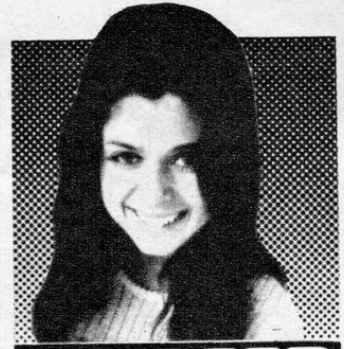
HEADMASTER! I DEMAND COMPENSATION FOR MY NEW HAT!

OF COURSE, DORIS! I SHALL SEE TO IT IMMEDIATELY!



SO MUCH FOR YOUR IDEA, HEDGES! IT'S UPSET NEARLY EVERYONE AT FENN STREET!

HUH! I'M OUT OF FAVOUR AGAIN— AND ALL BECAUSE OF A PERISHING PARROT!



LIFT OFF



I have just returned from my holidays in Spain. The sun shone very brightly there and I lay on the beach for two whole weeks and did absolutely nothing. It was lovely at first, but towards the end, I started to look forward to returning home and getting back to work.

Later this year I am hoping that Stevie Wonder will return to England so that I can hear him sing again. He is a great artiste—and at only twenty years of age, his success is amazing. I like his new record 'Never Dreamed You'd Leave In Summer' although I don't know whether it will be such a big hit for him as 'My Cherie Amour'—but whatever the results, good luck with it, Stevie.

Dave Edmunds is someone else to watch closely. He charged into



the charts from nowhere with his first record 'I Hear You Knocking' and ever since I have been looking out for a new record from him. It must be difficult to follow what is basically a 'sound' record. But with 'Blue Monday' which is taken from the score of the film 'The Girl Can't Help It', Dave may well be looking forward to his second hit.

Bye for now,

More fun at Fenn Street, next week.

Look out for next week's Look-in



Next week there is a special LOOK-IN interview with ace ventriloquist and entertainer Ray Alan, (left), at his Surrey home ★

Also an announcement will be made of another great LOOK-IN competition, plus details of how you can increase your holiday pocket money ★



Congratulations

To the following readers who have each won a prize in recent LOOK-IN competitions. ★

Robert Ease of Carshalton, Surrey, is the lucky winner of the Toshiba portable TV offered as the first prize in the Blindfold Competition in issue 20. ★ Julia Tomkins, Harrow, Middlesex; David Derbyshire, Eastham, Cheshire; and Susan Cooper, Rednal, Birmingham, win the runner up prizes of Toshiba 1C70 radios. ★

The 50 Corgi Marina cars, featured in issue 21 have been won by:—

Colin Martin, Edinburgh. John Weatherby, Southport, Lancs. Gerald Budd, Ryarsh, Kent. Christopher Heard, Woodstock, Oxford. Steven Ludlow, Curdworth, Sutton Coldfield. Dean Monk, Eltham, London, SE9. Trevor Goodyear, Waltham Abbey, Essex. Stephen Sapsford, Hankham, Pevensey, Sussex. Jamie Greig, Ipswich, Suffolk. Michael Hallatt, Trammere Park, Guseley, Andrew Halls, East Grinstead, Sussex. Graham Moss, Lawshall, Suffolk. John Davies, Waterloo, Liverpool 22. Martin Hodder, Hull, Yorks. Eugene Kennedy,

Manchester M11 3PT. M. Allen, Reigate, Surrey. Clive Grylls, Wadebridge, Cornwall. Darren Gould, Hawkhurst, Kent. Gary Grant, Angus, Scotland. Steven Chambers, Studley, Warks. David Darlington, Warrington, Lancs. Christopher Wood, Sutton Coldfield, Warwickshire. Chris Elworthy, Northampton, NN5 5DD. David Pike, Badesey, Evesham, Worcs. Michael Piekford, Bollington Cross, Nr. Macclesfield. Markus Scoles, Wiveliscombe, Somerset. Stuart King, Ascot, Berkshire. David Johnson, Thornton Heath, Surrey. G. Allen, Reigate,

Surrey. Andrew Pemberton, Bromsgrove, Worcs. A. Bunten, Sawbridgeworth, Herts. Michael Haine, Worthing, Sussex. Nicolas Giles, Sheffield, S2 5LS. Stephen Wright, Cosham, Portsmouth PO6 4PD. Simon Brown, Solihull, Warks. Stewart Seaton, Wishaw, Scotland. Derek Collins, West Leigh, Havant, Hants. James Kennedy, Dunkinfield, Cheshire. Keith Winterbon, Langley, Slough. Brian Tickner, Billingshurst, Sussex. Michael Bateman, Bishops-ton, Bristol BS7 8LE. Alison Davis, Stockton Heath, Warrington, Lancs. Robert Hall,

Wollescote, Stourbridge. William Rushton, Bedworth, Nuneaton, Warks. David North, Luton, Beds. Michael Bolland, Liverpool 13. Ian Fernandez, Willesden Green, London NW2. David Wright, Buckle, Banffshire. ABS IAT, Stephen Northcott, Bassett, Wilts. Perry Beaver, Sunbury-on-Thames, Middx.

All the above named readers will be receiving their prizes in the post.

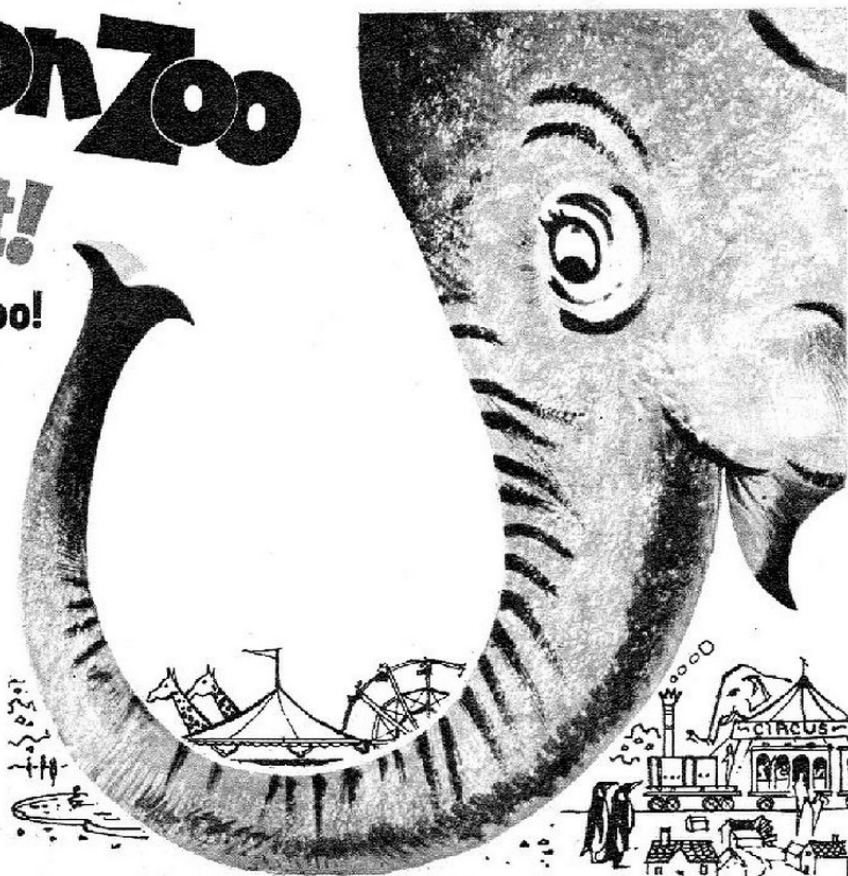
Chessington Zoo

has got the lot!

It's Surrey's more to see'n do zoo!

- * More than 1000 amazing and amusing animals from all over the world.
- * Super funfair - big wheel, roller coaster, bumper cars - the lot!
- * Smashing circus - performance dates and times on request.
- * Free swings, slides, and roundabouts.

Come and see for yourself



If Dad brings you by car - tell him it's on the A243 between Hook and Leatherhead.

YOUR VIEW



JUDY LOE, who appears as Lulli in Thames Television's mystery series 'Ace of Wands', selects this week's letters and jokes from the LOOK-IN Postbag.

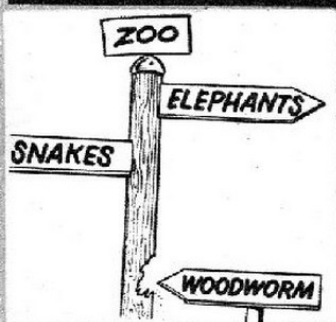
STAR LETTER

POLITE POLLY

★ My Gran's got a parrot, and a few weeks ago her television went wrong. She rang for someone to come and mend it. While the man was busy fixing the television, Peter (that's the parrot's name) said, imitating Gran's voice: "Want a cup of tea?" Thinking that Gran had asked, the man said: "Yes, please." Well, you know what Grans are like. Mine hadn't the heart to tell him that the parrot had asked him, so she made him a cup of tea.

Julia Thomas,
Wembley, Middlesex.

★ At least she's brought the parrot up to be polite . . . he could have said something insulting, and he's won you £2.



Peter Lee,
Luton, Bedfordshire.

THE WHOLE TOOTH . . .

One day my sister came home from school and told my Mummy and I that her teacher had said carrots were good for the teeth. That night I went into the bathroom and found my sister cleaning her teeth with some toothpaste on top of a carrot! She was scrubbing so hard with this carrot to get her teeth clean, to show her teacher, that we couldn't help laughing.

Debra Cohan,
Rowlands Gill, Co. Durham.

★ Well, you know what they say, you never see a rabbit at the dentist's.

FLEDGLINGS FIND A FRIEND

A few weeks ago I found a bird's nest which had been wrecked by two boys out of my school. I did not notice at first that there were three little birds in it. I took them home and my Dad helped me to look after them. One was very weak, and that Wednesday he died. The other two are coming on fine. I give them milk in a medicine bottle with a teat on. When they are old enough, I'm going to let them fly away.

Bernard Catlins,
Liverpool 21.

★ You might find you've got to teach them to fly. Better start practising!

LOOK OUT!

I think 'LOOK-IN' is very infectious. Yesterday I brought out all my issues of 'LOOK-IN' to show to some of my friends so that they could read them and see what they were like. They can't wait for Friday now, to buy one themselves.

Geraldine Sheridan,
London N.16.

★ There's no cure for LOOK-IN!



"Mum! Dad! It works!"

Stephen Lewis,
Brentwood, Essex.

FAN MAIL

I am hoping this will be published because I am a fan of Cilla Black and Clodagh Rodgers. I would be pleased if you could print a picture of both of them in 'Your View'.

Kenneth Whyte,
Paisley, Scotland.

★ Just for you—Cilla and Clodagh.

A RIGHT KNIT!

I would like to tell other LOOK-IN readers what happened when my Mum tried to teach my sister to knit. She left my sister to knit some rows by herself and when she returned to see how the garment was getting along, she noticed a large hole in it. Mum explained to my sister that the stitches had dropped. Next moment, my sister was down on her knees. Mum asked her what she was doing. "I'm looking for the stitches you said I dropped" was the serious reply.

Linda McLean,
Linthouse, Glasgow.

★ Funny how these phrases we use every day can put a different meaning on things if we take them literally—don't you think, Linda?



Win £2 for the Star Letter, plus £1 for any other letter or joke! A special signed photograph of the Your View star will also be sent to every reader with an item published on this page. Write now to Your View, LOOK-IN, 247 Tottenham Court Road, London W1P 0AU, and remember to enclose a list of your four favourite features, plus the feature you don't like, if you have one.

Dora hunts for the truth about 'Tango'...

Follyfoot

FINDING A STRANGE MARE, IN FOAL, TIED UP OUTSIDE FOLLYFOOT ONE DAWN, STEVE TAKES HER IN. DORA CHRISTENS HER 'TANGO' AFTER HER CURIOUS, DANCING GAIT. ALTHOUGH HER UNCLE, THE COLONEL, IS UNABLE TO TRACE ANY OWNER, ONE TURNS UP EVENTUALLY—A MR. JACKMAN, IN COMPANY WITH A LOCAL POLICE CONSTABLE!



UNCLE! COME QUICKLY! THEY'VE ARRESTED STEVE! THEY SAY HE WAS SEEN TAKING THE MARE FROM THE PINECREST HOTEL!

THERE IS NOTHING THAT THE COLONEL CAN DO...

LOOK, DORA—IF JACKMAN HAD A BILL OF SALE PROVING HE'D SOLD TANGO TO THE PINECREST LOT...

BUT SUPPOSE IT WAS A FAKE?



IT'S SO UNFAIR, COBBY! JUST BECAUSE STEVE WAS ONCE IN TROUBLE WITH THE POLICE BEFORE! WHY COULDN'T HE HAVE BEEN UP AND ABOUT WHEN HE FOUND TANGO?

THEN DORA COMES TO A DECISION...

DORA SADDLES UP AND RIDES OFF ACROSS COUNTRY...



I'M GOING TO SNOOP AROUND PINECREST! I'LL BET ANYTHING THE HAMMONDS HAVE GOT JACKMAN TO DO ALL THIS, JUST TO SPITE US!

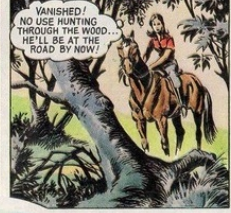


JUST BEYOND THE FARM, FOR THE SECOND TIME THAT DAY...

HULLO! IT'S THAT LITTLE OLD MAN IN THE RAINCOAT AGAIN! WHY'S HE WATCHING FOLLYFOOT...



DORA SWINGS OFF TOWARDS NOW—BUT BY THE TIME SHE REACHES THE TREES...



VANISHED! NO USE HUNTING THROUGH THE WOOD... HE'LL BE AT THE ROAD BY NOW!

PUZZLED, DORA TURNS BACK FOR THE PINECREST HOTEL...



HO! LEWIS! COME AND GIVE ME A HAND WILL YOU?

POOR TANGO! (I RIT'Y HER IS SHE HAS TO STAY LONG IN THAT AWFUL PLACE!)



NEAT! IT WORKED THEN, DAD!

COULDN'T FAIL, COULD IT? DO YOU HAVE TO PLAY THAT THING AT FULL VOLUME?

THE BEAST! THAT AWFUL ROW WILL FRIGHTEN TANGO!



BUT ASTONISHINGLY...

WHAT THE DICKENS...



COR! SHE'S DAWDLY! JUST LOOK AT HER! STEP IT OUT, GEL! YEAM, YEAM, YEAM!



NO CHANCE OF OVERHEARING ANYTHING WITH THAT RACKET GOING ON. BEST GO AND SEE HOW STEVE'S GOT ON...



WHAT HAPPENED, STEVE?

THEY'RE GOING TO PREPARE FORMAL CHARGES. I'VE HAD TO GIVE MY WORD I WON'T LEAVE THE DISTRICT.



THAT MARE NEVER BELONGED TO JACKMAN! SHE DIDN'T SHOW ANY RECOGNITION AT ALL!

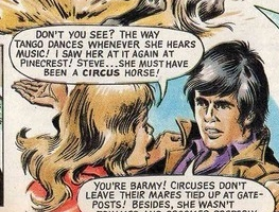
IT'S ALL VERY WELL TO TALK. IF YOU'RE RIGHT, WE HAVE TO FIND OUT WHO DID LEAVE HER AT FOLLYFOOT!



THEN, SUDDENLY...

STEVE! LOOK! A CIRCUS POSTER!

FOR PETE'S SAKE! SO WHAT?



DON'T YOU SEE? THE WAY TANGO DANCES WHENEVER SHE HEARS MUSIC! I SAW HER AT IT AGAIN AT PINECREST! STEVE... SHE MUST HAVE BEEN A CIRCUS HORSE!

YOU'RE BARMY! CIRCUSES DON'T LEAVE THEIR MARES TIED UP AT GATEPOSTS! BESIDES, SHE WASN'T TRIMMED AND GROOMED PROPERLY...



IT'S WORTH FINDING OUT, YOU IDIOT! GO ON—GET UP! WE'RE GOING TO THE CIRCUS. RIGHT NOW!

Continuing his series about Australian animals, Colin Willock introduces...

'Roos and their Relatives



The Agile Wallaby. These creatures are still fairly common despite being heavily hunted for their meat.

WHEN is a kangaroo not a kangaroo? The answer is: when it's a wallaby, a wallaroo or even a quokka. They are all part of the same vast family that provides Australia with its national emblem. There are fifty-five kangaroo species all told.

What's the difference between a kangaroo and a wallaby? Well, a kangaroo is by far the bigger of the two. A big male red kangaroo—called a 'boomer' (his wife's known as a 'flyer' and his baby as a 'joey')—can stand every bit of six feet tall. He can be a nasty customer in close combat, too.

Not only can a 'roo box and hug with those two front fists of his, but he can disembowel an attacker with one rip of those powerful rear feet, as many a dingo—wild dog—has found to its cost.

Generally, kangaroos and wallabies are peaceful animals, though this doesn't make them any more popular with Australian sheep farmers. The trouble is that they are too numerous and far too successful. Their sharp upper and lower teeth make them far more efficient grass-eaters than the farmers' profitable sheep.

So, of course, the poor old 'roos get

shot in vast numbers. Nobody can blame the farmers for wanting to protect their living. But nowadays, in some parts, there is a real danger that the kangaroos will be exterminated.

Wallaroos, often called euros, are kangaroos, too, as opposed to wallabies, which means that they're one of the bigger varieties. They tend to live in the drier, rockier parts near the coast and have shorter, stockier legs than the big red kangaroo or the slightly smaller grey. Euros are incredible movers among rocks. Really, there's practically no kind of country in which some species of kangaroo can't make itself at home.

Stranger species

The whole kangaroo situation becomes stranger and stranger the more it is investigated. Would you believe there's a tiny species called a 'woilie' and that it thrives in a 'wandoo' forest.

There are also the hare wallabies—so-called because they make a shallow scrape in the ground like our European hares. The nail-tailed wallaby has a horny spur at the tip of its tail with which

the creature can dig in when it wants to make a fast turn.

I haven't even got around to the tree kangaroos which perch high up in the branches and live in the rain forests of the north-west and in New Guinea. They can leap down thirty or forty feet without hurting themselves. Then there is the boodie and the tungoo—they're both types of wallaby.

I warned you that many animals in Australia are pretty weird. Even Rolf Harris admitted as much when he worked with us on an Australian 'Survival' programme—and he should know!

Finally, it was not until 1960 that it was discovered exactly how a kangaroo—or wallaby, for that matter—got its newborn young into its pouch. Then some scientists from Adelaide University filmed the whole process. The baby is born at thirty-three days, wriggles its way up the mother's belly fur until it finds the pouch and there it stays safe and sound, with warm milk laid on, for the next eight months. With a start in life like that, no wonder kangaroos thrive so rapidly.

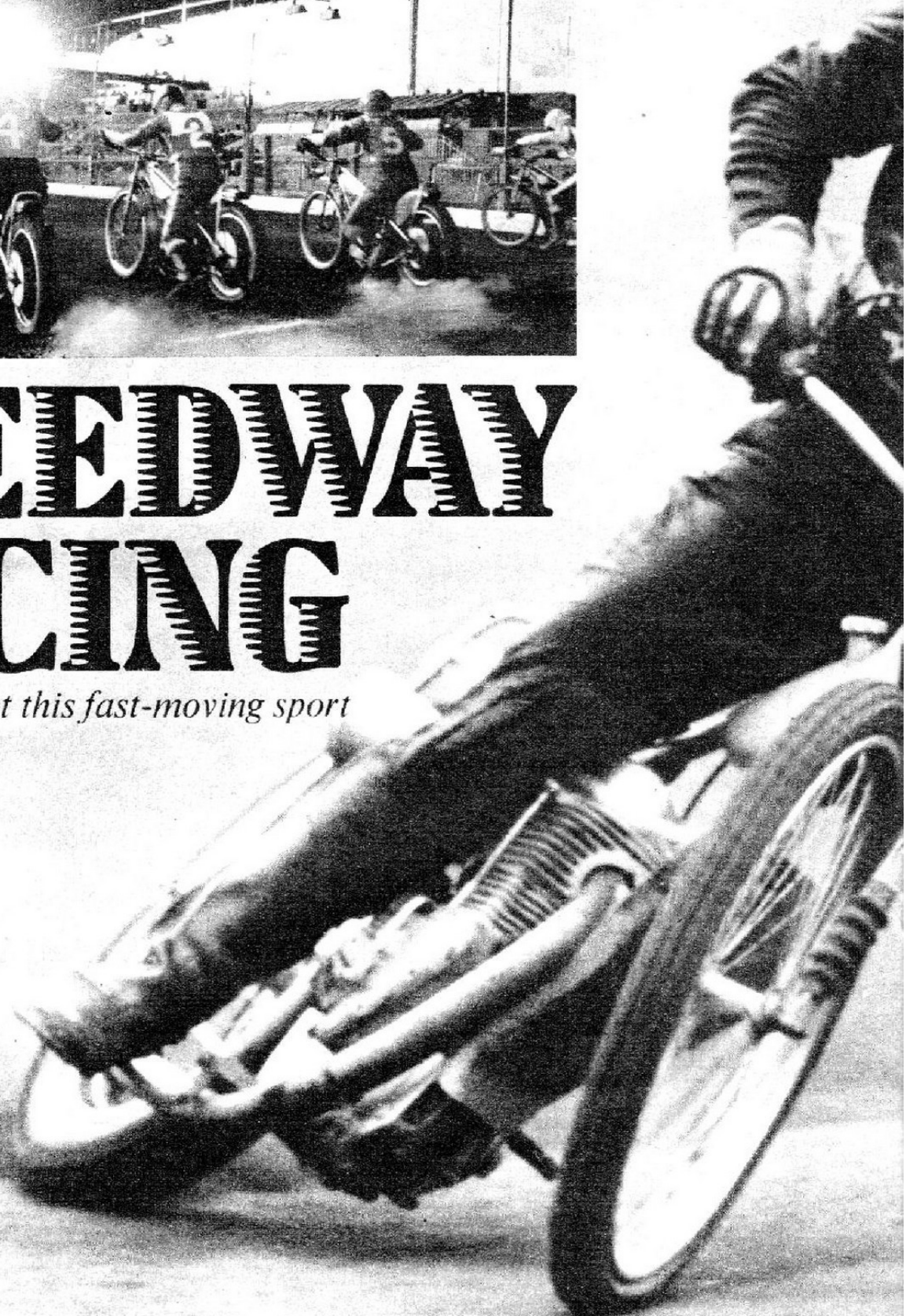


Lumholtz's Tree Kangaroo is found in Northern Queensland. It has cushion-like pads on its feet to help it climb. Inset (left), another variety of tree-climbing kangaroo which comes from New Guinea.



SPEEDWAY RACING

An exciting look at this fast-moving sport





The motor cycle broadsides wildly, throwing up a cloud of dust from the spinning back wheel. The crouching rider — dressed in colourful leathers, 'bone-dome' crash helmet, face-mask and goggles, and looking like a jousting knight of olden days—wins the applause of the crowd for his exciting control and style.

A scene from Saturday's International Speedway in *World of Sport* between England and Sweden, perhaps?

No, the rider in question is exactly eight years old, one of the growing band of schoolboys who learn motor cycle racing at a very early age and then graduate into speedway when, at 16, they are old enough to apply for an Auto Cycle Union racing licence.

The best-known and most successful of these 'Schoolboy Speedway' nurseries is the Kent

is now getting Continental bookings in Italy and Germany that could be worth £100 a meeting to him. He makes his debut in the England side which you can see in *World of Sport* on Saturday (July 24th).

★ **DAVE JESSUP**, reigning Division II champion who joined famous Wembley "Lions" from Eastbourne last year for a record transfer fee for a teenager. He is now the idol of the crowd at the world's most famous stadium.

★ **THE KENNETT BROTHERS**, Dave (19), Gordon (17) and



Eight-year-old Peter Johns leads the 'Eastbourne Eagles' to the track.

Youth Motor Cycle Club, which enrolls members from seven years old and has on the books Britain's two speediest 'tots'; nine-year-old Kevin Smith, who can average over 40 m.p.h. around a quarter-mile grass track on his little 50 c.c. bike and who is the Canterbury 'Crusaders' mascot. And his close rival Peter Johns, eight, is the mascot of Eastbourne 'Eagles'.

Peter's big brother, Roger, was the Kent Youth champion last year, and now, just 17, he is a member of the Eastbourne side that are on top of Division II of the British speedway league.

In the past three years, many of the boys who started competitive motor cycling with the KYMC while still at school have become some of the most brilliant young riders in the sport—and one has been selected for the senior England squad on duty against Sweden, the world champions on Saturday.

Riders like:

★ **BARRY THOMAS**, the reigning British junior champion who rides for Hackney, earns around £60 a week at 18 years old and

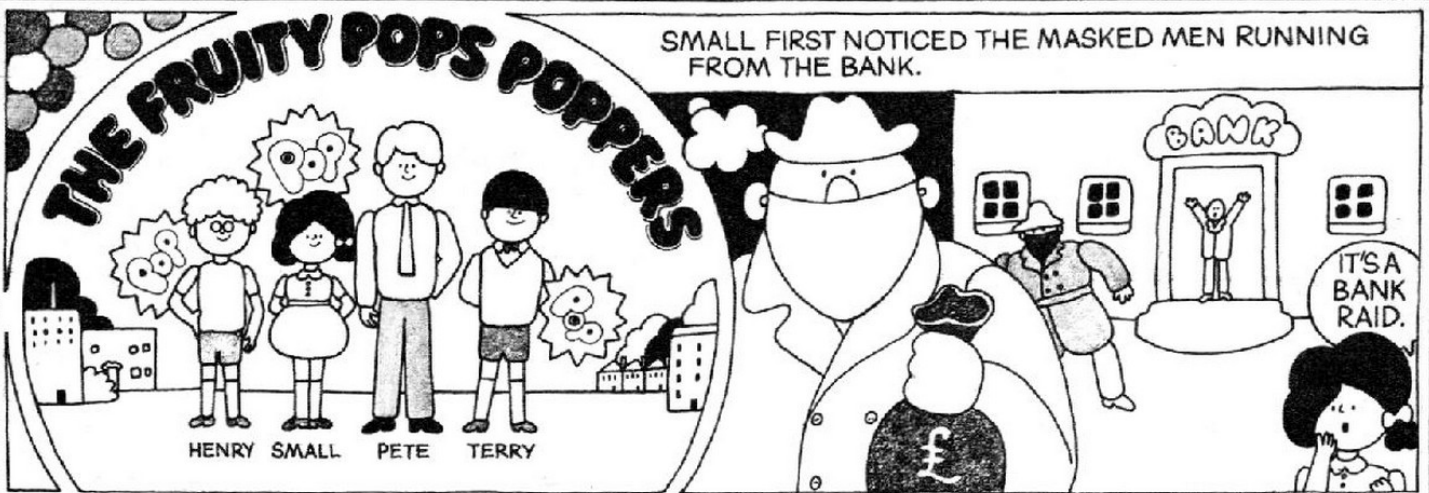
Brian (16), who all came through the KYMC, where their mother Connie is the organiser, and are rated as among the most spectacular youngsters in speedway.

And girls needn't think that grass and speedway racing is a "Boys Only" recreation. The Kent club have at least one girl on their books — 12-year-old Karen Weatherley of Canterbury who competes on level terms with the boys in her class!

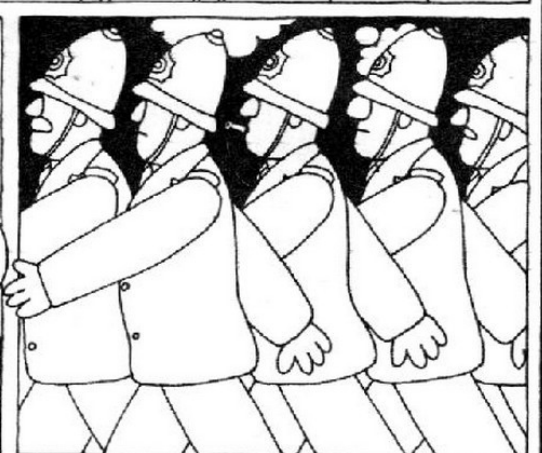
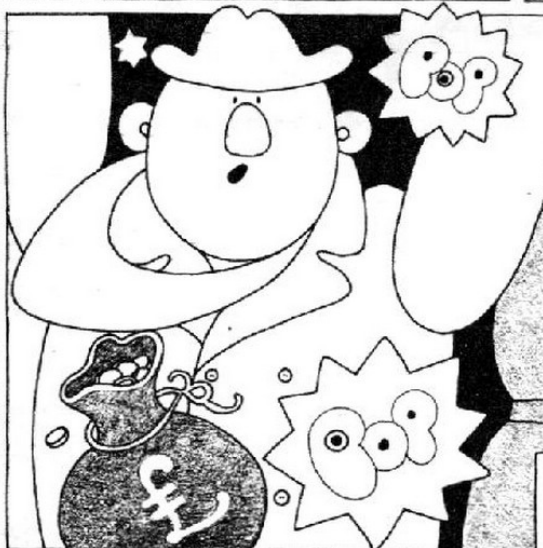
"All our members are properly insured and taught to respect a bike, not just race it," says Mrs Kennett. "They learn to treat a motor cycle as a piece of sporting equipment".

These, then, are the speedway stars of tomorrow—the boys who will take over the English body colours of riders like Nigel Boocock (Coventry), Trevor Hedge (Wimbledon) and Ray Wilson (Leicester), who will be in action on *World of Sport* on Saturday.

Youngsters like Kevin Smith and Peter Johns have to wait until the 1980s, but they could be world champions one day . . .



ONE OF THE GANG NOTICED SMALL TAKING THE NUMBER OF THE GETAWAY CAR.



TWO DAYS LATER IN THE INSPECTOR'S OFFICE.



AND GUESS WHAT THEY GOT AS A REWARD? A WHOLE CRATE OF..... FRUITY POPS.

PROVE TO YOUR FRIENDS THAT FRUITY POPS POP WITH FLAVOUR.

EQUIPMENT: ONE ELASTIC BAND. ONE PLAYING CARD SIZE PIECE OF VERY STIFF CARD. TWO SAFETY PINS. ONE PACKET OF FRUITY POPS.

INSTRUCTIONS: ON TOP OF THE PIECE OF CARD, WRITE THE WORD "POP." NEXT, PUT THE CARD IN THE CENTRE OF THE ELASTIC BAND AND SAFETY PIN THE ENDS OF ELASTIC BAND, ONE TO THE FRONT AND ONE TO THE BACK OF YOUR BREAST POCKET. PUSH THE CARD DOWN INTO THE POCKET. NOW ANNOUNCE TO YOUR FRIENDS YOU CAN PROVE FRUITY POPS POP WITH FLAVOUR. TAKE A FRUITY POP AND AS YOU CRUNCH IT, LET GO OF THE CARD. WATCH YOUR FRIENDS' DELIGHT AS THE CARD POPS UP IN YOUR POCKET SAYING FRUITY POPS POP WITH FLAVOUR.

FRUITY POPS POP WITH FLAVOUR.



Tiny, blond and impish — that's Roy Snart, who stars as Paul.



15-year-old Ian Weighill comes from Surrey. He plays Charlie.



The craziest football match ever

For film or television, animation is fun!



Cindy O'Callaghan plays the part of Carrie. It's her first film, too!



TV favourite Bruce Forsyth as the shady 'wide boy', Swynburne.

THE two teams lined up to face each other, growling and grunting as they prepared to kick off at the start of a football match that had no association with the game that has become the world's number one sport.

This was not surprising, for the match was being played in the exotic country of Naboombu, between the King's team, including 'Goalgetter' Gorilla, 'Hustler' Hyena, and 'Slim Hips' Rhinoceros, and the rank outsiders led by 'Jittery' Jumbo, 'Knock-kneed' Kangaroo and 'Offside' Ostrich.

The whistle went, to begin the most hilarious piece of football fun ever imagined as the jungle juggernauts did battle in an attempt to score a goal.

This memorable football match takes place in the latest Walt Disney film: 'Bedknobs and Broomsticks', to be premiered later in the year and released during the coming months in all parts of the country.

The film stars Angela Lansbury, David Tomlinson, Cindy O'Callaghan, Roy Snart and Ian Weighill, and marries live action with the famous Disney animation techniques.

Whether it's for big screen exposure or for television, the method of producing animation is largely similar.

Animation is simply a cartoon in motion. Strangely, the animator can't start work until all the scenes have been plotted, backgrounds drawn and dialogue, sound effects and music have been recorded. Then he knows what his

character is saying and doing and how long he has to say and do it in.

For example, if the character has to raise his arm, the animator is told by the planner that he has eight frames (separate pictures) to do it in. So, frame one, the character is drawn, frame two, he is drawn with his arm slightly raised, frame three, raised higher . . . and so on, until the action has been completed.

The drawings are made in black outline on plastic sheeting so that they can be laid on top of each other to make sure the figure is copied identically, except for the slight change in the position of his arm. Then each figure is coloured and placed on the correct background and photographed one after the other.

It takes around 45,000 set ups of this kind just to make one average reel! The film runs at a rate of 24 frames a second—so what may have been days of precise and careful work to the animator becomes a fraction of a second on the screen.

Someone who requires no artist to make him move in a humorous way is favourite TV star Bruce Forsyth. He appears in 'Bedknobs and Broomsticks' as a shady 'wide boy' villain who tries to stop the 'goodies' getting part of an ancient spell book.

Laughs and jolly music make the film a certain hit, but the show-stopping sequence is that animated, crazy football match. The animals might never win the World Cup, but they carry off the honours for laughs.

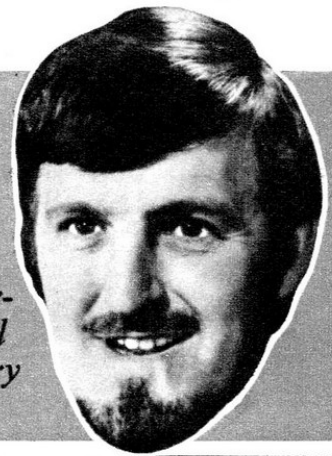


As they glide along the bottom of the sea, on their way to Naboombu, the live actors get involved with some cartoon fish.

Calling all football fans! Exciting new strip starts today!

The Super-Save!

JIMMY HILL, ex-professional soccer star and well-known TV sports personality, has selected this three-part story for LOOK-IN "In ITV's football programmes, we always try to interest all the family in the game. This story proves that everyone can play a part!" Jimmy commented to the Editor.



IT IS THE SECOND-LAST MATCH OF THE SEASON BETWEEN SECOND DIVISION CARFORD CITY, AND FENMERE UNITED. AND, AS USUAL, THE CITY'S FAMOUS 'EAST MOUND' IS OCCUPIED BY ARCHIE BRYANT AND HIS GANG...

ONLY TEN MINUTES TO GO! IF CARFORD CAN HANG ON TO THEIR LEAD, IT'LL LIFT 'EM INTO SECOND PLACE!

DON'T TALK SO SOON, ARCHIE... LOOK! THE FENMERE STRIKER'S BROKEN THROUGH!

ARCHIE'S BROTHER, DAVE BRYANT, IS PLAYING IN GOAL FOR CITY!

WHAT A SHOT - BUT DAVE'S GOT TO IT!

SAAAAAVED!

THE ROARS OF RELIEF ARE STILL ROLLING AROUND THE GROUND, WHEN...

HELLO, YOU LOT!

OH, CRIKEY, THAT'S ALL WE NEED! SHE'S 'ERE AGAIN, ARCH!

SALLY GRANT...

SHOVE OFF, GOLDBLOCKS! YOU CAN'T COME UP 'ERE ON THE 'MOUND' - THERE'S NO ROOM!

YES THERE IS! OH, PLEASE, ARCHIE? THE GROUND'S SO PACKED, I HAVEN'T BEEN ABLE TO GET A DECENT VIEW OF THE GAME!

BUY SOME STILTS, THEN! NOW PUSH OFF!

OHH! YOU ROTTER! YOU'VE MADE ME DROP ALL MY NOTEBOOKS!

PITY SHE AIN'T A BOY, ARCHIE - HER BEING SO NUTS ABOUT FOOTBALL! THEY RECKON SHE'S COLLECTED FACTS AND FIGURES ABOUT NEARLY EVERY TEAM IN THE LEAGUE!

I DON'T CARE! YOU KNOW THE RULES - NO GIRLS ALLOWED ON THE EAST MOUND - ESPECIALLY HER!

HAVING RETRIEVED HER PRECIOUS NOTES, SALLY STRUGGLES TOWARDS THE BARRIER...



BLOW ARCHIE BRYANT! I CAN HARDLY SEE THE PITCH OVER ALL THESE HEADS...

CORNER TO FENMERE! THIS MUST BE THEIR LAST CHANCE TO EQUALISE!

NOW, LET ME SEE! ACCORDING TO MY NOTES ON FENMERE, THEIR CENTRE-BACK, JOE LACEY, ALWAYS COMES UP FOR LATE CORNERS! HE'LL USE HIS HEIGHT AND STRENGTH TO TRY AND RATTLE THE GOAL-KEEPER...



AND, SURE ENOUGH...



LACEY'S TIMED HIS HEADER PERFECTLY! IT MUST BE A GOAL!

THUUUNK!

ALMOST SOMERSAULTING BACKWARDS, DAVE BRYANT JUST GETS HIS FINGERS TO THE BALL! BUT...



AAAAGH!

DAVE'S KEPT IT OUT - BUT HE'S CRACKED HIS HEAD AGAINST THE UPRIGHT!

THAT LOOKS LIKE A NASTY ONE...

THE FANS ARE RIGHT...

THEY'RE CARRYING HIM OFF! LET'S HOPE IT'S NOTHING SERIOUS!

IT'S MAINLY THANKS TO DAVE THAT THE CITY ARE IN THE RUNNING FOR PROMOTION...



A FEW MINUTES LATER, TO THE RELIEF OF THE WHOLE CROWD...



... YOU'LL ALL BE GLAD TO KNOW THAT DAVE HAS MADE A COMPLETE RECOVERY, AND IS FEELING FINE, APART FROM A NASTY BRUISE...

THAT MEANS HE'LL BE FIT FOR THE LAST GAME!

HURRAAAAAAY!

THE GAME ENDS IN A 1-0 VICTORY FOR CARFORD. AS THE FANS POUR FROM THE STADIUM...



WATCH IT, LADS! I THINK WE'RE BEING FOLLOWED!

HEY, ARCHIE! IT'S SMASHING NEWS ABOUT DAVE, ISN'T IT? THE CITY WILL REALLY NEED HIM FOR THE LAST GAME, NEXT WEDNESDAY...



... ESPECIALLY AS IT'S AGAINST KINGSBURY ROVERS! 'COS THEY'RE IN THE RUNNING FOR PROMOTION, TOO! BUT I'VE WORKED IT OUT THAT IF CARFORD WIN TWO-NIL, THEY'LL GO UP TO THE FIRST DIVISION ON GOAL AVERAGE!



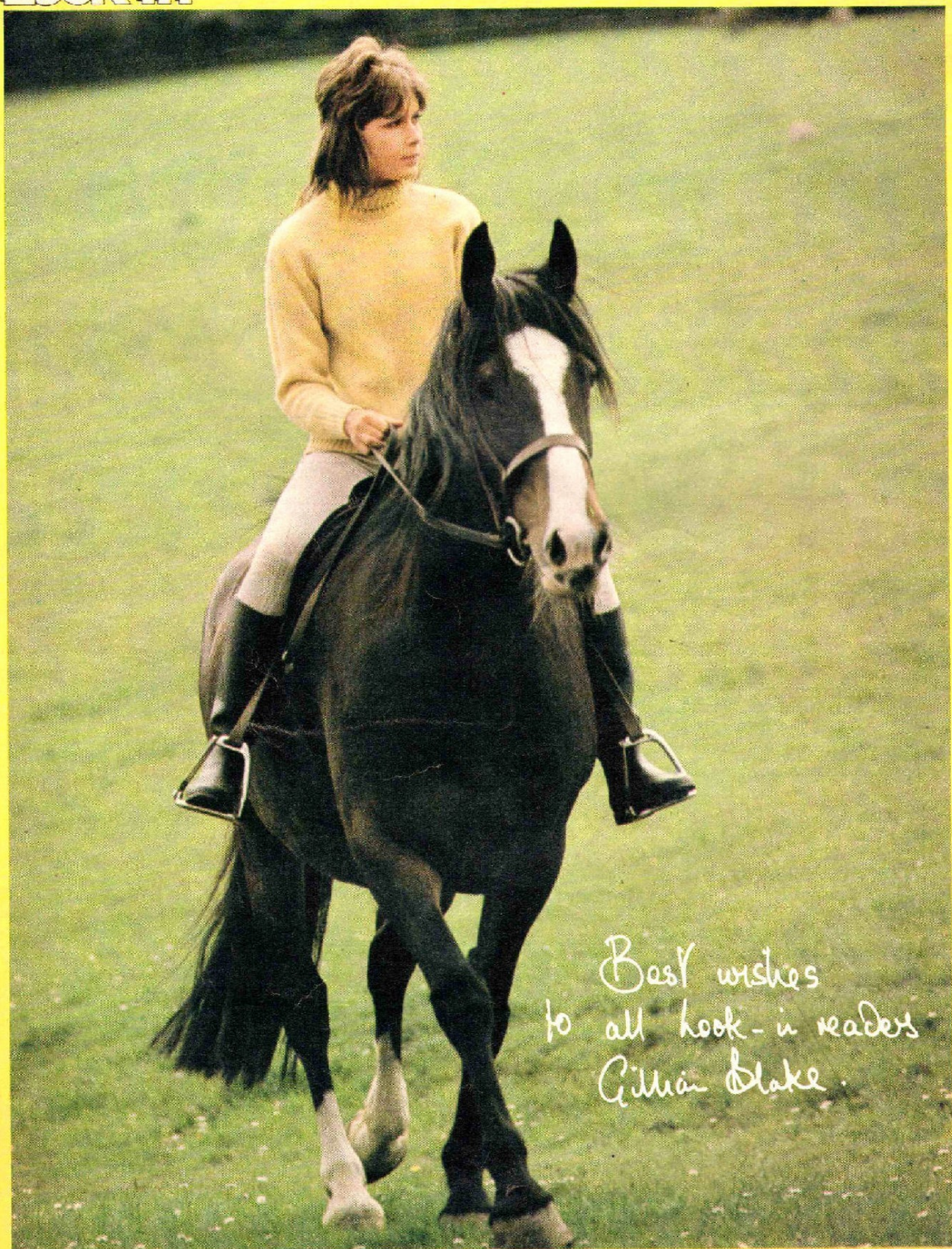
RIGHT AGAIN, COMPUTER-BRAIN! BUT YOU STILL CAN'T COME ON THE MOUND!

THE GAME'S IN THE BAG, ANYWAY! KINGSBURY DON'T STAND A CHANCE! OUR DAVE WILL STOP EVERYTHING THEIR FORWARDS CAN THROW AT US!

BUT AT THAT VERY INSTANT, IN THE CARFORD CITY DRESSING-ROOM...



I... I'VE GOT TO GO THROUGH WITH IT FOR THE SAKE OF THE OTHER LADS! BUT SUPPOSE I LET THEM DOWN? HOW CAN I TELL THEM THAT ONE LITTLE CRACK ON THE HEAD... HAS SHATTERED MY CONFIDENCE?



Best wishes
to all look-in readers
Gillian Blake.

FOLLYFOOT'S GILLIAN BLAKE

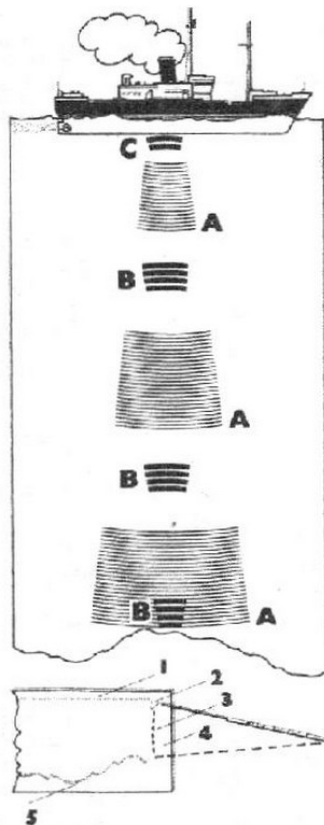
Once again, Bunty James, Jack Hargreaves, Jon Miller and Fred Dinenage, are all set to answer your questions. Congratulations to this week's winners. If you haven't already written in why not do so now? You can win a £1 Hamlyn book of your choice for any question you have published. Send your entry to: How! LOOK-IN, 247, Tottenham Court Road, London, W1P 0AU.



HOW is the depth of the sea measured?
Paul Wright, Sherwood, Nottingham.

It used to be a very long and complicated business involving weights and reels of long wire, but about 40 years ago echo-sounding came into service and the old method was scrapped. These machines, sometimes known as fathometers, measure the time it takes for a high-pitched sound produced on a ship to travel to the bed of the ocean and back. The speed of sound in sea water is around 5,000 ft. per second, so working out the depth is not hard, but, in fact, it is calculated by the fathometer and the answer is given on a piece of paper.

A ULTRASONIC (higher in pitch than audible sound) SOUND PULSES SENT FROM SHIP AT INTERVALS OF ABOUT A SECOND. SOUND TRAVELS MUCH FASTER IN WATER THAN IN AIR—5,318mph as against 760mph at sea level. **B** ECHOES BOUNCE BACK FROM THE BOTTOM. **C** RECEIVED BY A FORM OF MICROPHONE.



OPERATION OF ECHO SOUNDING RECORDER
The stylus swings to and fro, alternately, recording the outgoing impulse and the returning echo.
1 RECORDS OF OUTGOING IMPULSES. **2** STYLUS. **3** PATH OF STYLUS. **4** PAPER (MOVING). **5** RECORD OF RETURNING ECHOES.

HOW old was the youngest Prime Minister of Britain?

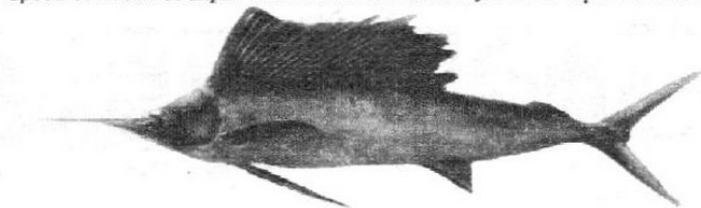
Gillian Hull, Newton-le-Willows, Lancs.

William Pitt the Younger became Prime Minister when he was only 24! Born in 1759, the second son of the great William Pitt, Earl of Chatham, who was also a Prime Minister, young William was Chancellor of the Exchequer at 23. Except for one short period out of office, he was Prime Minister, and a very good one, until he died in 1806.



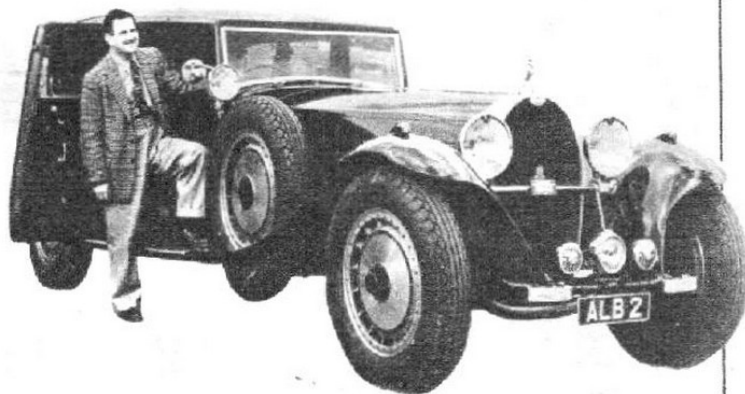
HOW fast does the fastest fish swim?
Michael McLinden, Old Harlow, Essex.

It has never been easy to check this, but experts usually come down in favour of the Atlantic Sailfish, which has been known to reach a speed of about 68 mph! This works out at 100 yards in three seconds.



HOW big is the world's biggest car?
Charles Spurr, Huddersfield, Yorks.

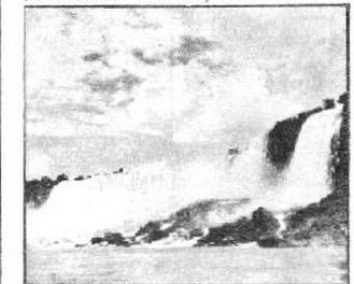
Apart from one or two freak cars with aero engines, which we don't think count, Charles, the largest car built for private use was the Italian Bugatti 'Royale', type 41. These cars are called 'Golden Bugattis' in Britain. Only six were made, the first in 1927. The model is over 22 ft. long, the bonnet over 7 feet long and the car has an 8-cylinder engine of 12.7 litres capacity. Several of these giants survive.



HOW did the barber's pole originate?
Michael Croft, Surbiton, Surrey.

It dates back to the days when barbers were surgeons and surgeons were barbers, Michael! The pole symbolises the winding of a bandage round the arm of a patient before blood-letting, which for centuries was wrongly considered the right way to treat all sorts of complaints. All that it usually did was to weaken the poor patient! The gilt knob at the end of the pole is a reminder of the brass basin then used for lathering people before shaving them. Not until the 1740s did barbers and surgeons go their separate ways.










HOW do waterfalls form?
Jonathan Ullmer, Berks.



Niagara Falls, situated in North America—an incredible sight.

Waterfalls are likely to form when a stream or a river has plunged down a slope for many years, but only if there is a hard layer of rock, at the top and the rock below is softer and liable to crumble will it be a spectacular one. Sometimes, the soft rock below goes on being worn away, which finally causes the hard rock above to break. When this happens the whole waterfall moves upstream! Niagara Falls is one of the many falls which have moved 'backwards' in this way down the centuries.

Lookin' on your ITV programmes this week: July 24-30

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
ANGLIA 	1.15 World of Sport 5.15 U.F.O. 7.15 Des O'Connor Show	2.45 Sunday Film 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.30 The Romper Room 4.55 Flipper 5.15 Follyfoot 6.40 Opportunity Knocks!	4.40 Paulus 4.55 Little Big Time 5.15 How Western	4.30 The Romper Room 4.55 Sooty 5.15 Ace of Wands	4.35 Mel-O-Toons 4.50 Captain Scarlet 5.15 How 7.00 Survival Film	4.30 The Romper Room 4.50 Voyage To The Bottom Of The Sea 7.00 The Sky's The Limit
MIDLANDS 	12.40 Joe 90 1.15 World of Sport 5.15 U.F.O. 6.15 Feature Film	2.15 Sport 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.40 Origami 4.55 Bush Boy 5.15 Follyfoot 6.40 Opportunity Knocks!	4.40 Hatty Town 4.55 Little Big Time 5.15 How 7.00 Star Movie	4.40 Paulus 4.55 Sooty 5.15 Ace of Wands 8.00 The Saint	4.40 The Magic Ball 4.55 Skippy 5.15 How 7.00 Thursday Movie	4.40 Zingalong 4.55 Thunderbirds 7.00 The Sky's The Limit
BORDER 	1.15 World Of Sport 5.10 On the Buses 5.40 The Smith Family 6.15 Feature Film 8.00 Des O'Connor Show	4.15 Joe 90 4.45 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.40 Origami 4.55 Skippy 5.15 Follyfoot 6.45 Opportunity Knocks!	4.40 Hatty Town 4.55 Little Big Time 5.20 How 7.00 Feature Film	4.40 Paulus 4.55 Sooty 5.15 Ace of Wands	4.40 Stories of Tuktu 4.55 Rainbow County 5.15 How 7.00 Feature Film	4.40 Zingalong 4.55 Cowboy In Africa 7.00 The Sky's The Limit
CHANNEL 	1.15 World of Sport 5.15 Man from U.N.C.L.E. 6.15 On the Buses 6.47 Saturday Film	2.15 Bonanza 3.10 Feature Film 4.45 Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.10 Puffin 4.50 Woodbina 5.15 Follyfoot 6.15 Flintstones 6.45 Opportunity Knocks!	4.00 Sean The Leprechaun 4.10 Puffin 4.55 Little Big Time 5.15 How 7.00 Star Movie	4.00 Pingwings 4.10 Puffin 4.55 Sooty 5.15 Ace of Wands	4.00 Origami 4.10 Puffin 4.20 Survival 4.50 Joe 90 5.15 How 7.05 Thursday Film	4.00 Zingalong 4.10 Puffin 4.20 Gilligan's Island 4.55 Linus the Lionhearted 7.30 Department S
GRAMPIAN 	12.55 Twizzle 1.15 World of Sport 5.15 U.F.O. 6.15 Whittaker's 7.00 World of Music Saturday Film	2.50 Sunday Matinee 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.25 Origami 4.40 Yak 4.55 Cowboy In Africa 6.40 Opportunity Knocks!	3.43 Once Upon A Time 4.55 Little Big Time 5.20 How 6.55 The Tuesday Film	4.55 Sooty 5.20 Ace of Wands 6.10 Silver City Folk	4.50 Rumble Jumble 5.20 How 6.10 Top Team 7.00 Thursday Film	4.50 H. R. Pufnstu 5.20 Follyfoot 6.05 The Smith Family 7.00 Sky's The Limit 8.00 The Avengers
GRANADA 	12.20 Stingray 1.15 World of Sport 5.10 U.F.O. 6.15 Bugs Bunny 6.30 Sky's the Limit 7.30 Des O'Connor	2.45 The Great Stars 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.45 Once Upon a Time 4.55 Rocket Robin Hood 5.15 Follyfoot 6.15 Beverly Hillbillies 6.40 Opportunity Knocks!	4.40 Yak 4.55 Little Big Time 5.15 How 6.25 Best of Lucy 6.50 Film	4.40 Zingalong 4.55 Sooty 5.15 Bright's Boffins 6.30 Randall & Hopkirk	4.40 Origami 4.50 Woodbina 5.15 How 6.25 Carry On Laughing	4.40 Thunderbirds 6.25 The Saint
WALES/WEST 	12.35 Bush Boy 1.15 World of Sport 5.10 Flintstones 6.15 Saturday Cinema 8.00 Des O'Connor	2.15 Survival 3.15 Sunday Matinee 4.45 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.55 Joe 90 5.15 Follyfoot 6.45 Opportunity Knocks!	4.40 Tinkertainment 4.55 Little Big Time 5.20 How 7.30 On The Buses	4.40 Tinkertainment 4.55 Sooty 5.20 Ace of Wands 8.00 The Champions	4.40 Tinkertainment 4.50 Pippi Longstocking 5.20 How 7.00 It's Tarbuck 7.30 Mid-Week Movie	5.06 Zingalong 5.19 Robin Hood 7.00 Friday Film
LONDON 	12.15 Thunderbirds 1.15 World of Sport 5.10 Catweazle 6.45 Des O'Connor Show	2.15 Forest Rangers 3.50 Strange Report 4.45 Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.40 Yak 4.55 Lost in Space 6.40 Opportunity Knocks!	3.40 Once Upon A Time 4.55 Little Big Time 5.20 How 6.30 Flintstones 7.00 Tuesday Film	3.40 Plupp 4.55 Sooty 5.20 Ace of Wands 6.30 Benny Hill	3.40 Origami 4.55 Woodbina 5.20 How 6.55 It's Tarbuck 7.25 Thursday Film	3.45 Zingalong 4.25 Skippy 4.55 Secret Squirrel 5.20 Follyfoot 7.00 On the Buses 7.30 Sky's the Limit
SCOTTISH 	12.40 Phoenix Five 1.15 World of Sport 5.15 Cowboy In Africa 6.15 Smith Family 6.45 Saturday Movie 8.30 On the Buses	2.50 Feature Film 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	4.55 Holiday Cavalcade 5.15 Follyfoot 6.15 Flintstones 6.40 Opportunity Knocks!	4.15 Plupp 4.55 Little Big Time 5.15 How 6.40 Hogan's Heroes 6.40 The Tuesday Film	4.15 The Enchanted House 4.55 Holiday Cavalcade 5.15 Ace of Wands	4.15 Paulus 4.55 Sky Hawks 5.15 How 6.10 Mad Movies 7.05 Thursday Film	4.15 The Magic Elephant 4.55 Holiday Cavalcade 5.20 Skippy 6.10 Bonanza 7.30 The Saint

SOUTHERN

1.15 World of Sport
 5.15 Man from U.N.C.L.E.
 6.15 The Golden Shot
 7.05 Doctor At Large
 8.05 Des O'Connor

3.00 Mad Movies
 5.35 Jamie
 7.25 On The Buses

4.20 Mr. Piper
 4.25 Best Of Lucy
 4.55 Lost In Space
 6.45 Opportunity Knocks!

4.23 Cartoon
 4.55 Sooty
 5.20 Ace of Wands
 7.15 The Tuesday Film

4.23 Mr. Piper
 4.55 Lone Ranger
 5.20 How
 7.35 The Saint

4.23 Cartoon
 4.55 Sooty
 5.20 Ace of Wands
 7.30 Friday Film



SOUTHERN

TYNE TEES

1.15 World of Sport
 5.10 Bonanza
 6.15 Saturday Comedy
 8.00 Des O'Connor Show

3.10 Sunday Matinee
 4.45 The Golden Shot
 5.35 Jamie
 7.25 Doctor At Large

4.40 Paulus
 4.55 Skippy
 5.20 Follyfoot
 6.45 Opportunity Knocks!

4.15 My Three Sons
 4.40 Diane's Magic Theatre
 4.55 Little Big Time
 5.20 How
 6.55 Tuesday Western

4.40 Origami
 4.55 Forest Rangers
 5.20 How
 6.30 Nanny and the Professor
 7.00 Thursday Film

4.15 Flintstones
 4.40 Zingalong
 4.55 Land of the Giants
 6.30 On the Buses
 7.00 Sky's The Limit



TYNE TEES

ULSTER

12.40 Woobinda
 1.15 World of Sport
 5.10 Greatest Show on Earth
 6.15 Saturday Picture

2.15 Survival
 3.45 Randall and Hopkirk
 4.45 The Golden Shot
 5.35 Jamie
 7.25 Doctor At Large

3.10 Bonanza
 3.10 Feature Film
 4.45 The Golden Shot
 5.35 Jamie
 7.25 Doctor At Large

3.10 Sunday Cinema
 4.45 The Golden Shot
 5.35 Jamie
 7.25 Doctor At Large

4.30 Romper Room
 4.55 Sooty
 5.20 Ace of Wands
 6.10 Best of Lucy

4.30 Romper Room
 4.55 H. R. Pufnstuf
 5.20 How
 6.10 Nanny and the Professor
 7.30 Thursday Film

4.30 Romper Room
 4.55 Land Of The Giants
 7.00 The Sky's The Limit
 7.30 Laredo



ULSTER

WESTWARD

12.40 Mr. Piper
 1.15 World of Sport
 5.15 Man from U.N.C.L.E.
 6.15 On The Buses
 6.45 Saturday Film

4.00 Once Upon A Time
 4.10 Gus Honeybun
 4.30 Woobinda
 5.15 Follyfoot
 6.45 Opportunity Knocks!

4.00 Sean the Leprechaun
 4.10 Gus Honeybun
 4.55 Little Big Time
 5.15 How
 7.00 Star Movie

4.40 Yak
 4.55 Little Big Time
 5.20 How
 6.30 The Smith Family
 7.00 Tuesday Western

4.00 Origami
 4.10 Gus Honeybun
 4.20 Survival
 4.50 Joe 90
 5.15 How
 7.05 Thursday Film

4.10 Gus Honeybun
 4.55 Sooty
 5.15 Ace of Wands
 7.00 Nanny and the Professor

4.10 Gus Honeybun
 4.20 Gilligan's Island
 4.55 Linus the Lionhearted
 7.00 Sky's the Limit



WESTWARD

YORKSHIRE

12.40 H. R. Pufnstuf
 1.15 World of Sport
 5.10 U.F.O.
 6.30 Saturday Comedy
 8.00 Des O'Connor Show

4.40 The Enchanted House
 4.55 Sooty
 5.20 Ace of Wands
 7.00 Action Film

4.40 Origami
 4.55 Bush Boy
 5.20 How
 7.00 Action Film



YORKSHIRE

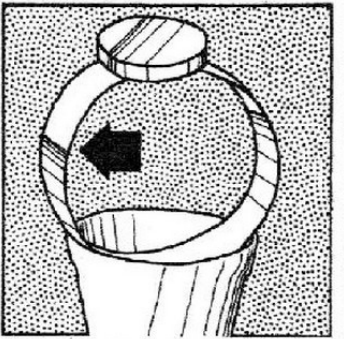


The first item this week is a sort of juggling stunt.

The Penny Drops

You need a tumbler, a new penny, a pencil and a hoop of thin card or stiff paper about six inches in diameter and one inch wide. Balance the hoop on top of the tumbler, and the penny on top of that. Give your victim the pencil, and tell him to try to knock the hoop away so that the penny falls into the glass.

Usually the hoop and the penny will be knocked across the room. The correct way to accomplish the feat is to put the pencil into the hoop, and strike the inside edge a sharp blow about half way up the left side — moving the pencil from right to left.



Water Music

This is more musical than magical, but it's an interesting idea that I thought might amuse you.

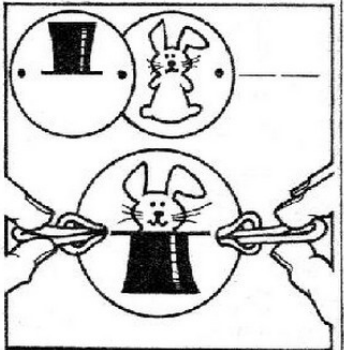
It's a sort of cross between a swanee whistle and a trombone. The requirements are a milk bottle and a glass or metal tube about half-an-inch in diameter and twelve inches long.

Fill the bottle nearly to the top with water. Then put the

tube into the bottle. Now pucker up your lips and blow across the top of the tube. If you do it correctly a musical note will result, which will change pitch as you raise or lower the tube in the water.

With a little practice you will be able to play a tune.

Rabbit into the Hat



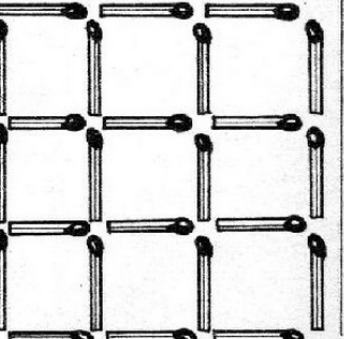
Cut out a three-inch-diameter disc of wood or thick cardboard—the heavier the better—and make two holes in it at opposite edges. Draw a top hat on one side. Then turn the disc sideways (from left to right) like turning over a page of a book. Now draw a rabbit on that blank side. Loop a rubber band into each of the holes, hold one band between thumb and forefinger of each hand, and twiddle them so that the disc twists round rapidly. What happens? While the disc is in motion the rabbit appears to be sitting in the top hat.

TEASER TIME

Last week's riddle ran—
 THE POOR HAVE TWO,
 THE RICH HAVE NONE,
 MILLIONS HAVE MANY,
 YOU HAVE ONE.

The answer is the letter 'O'—there are two in the word POOR, none in RICH, six in 1,000,000, and one in YOU.

Here's another match puzzle. From the arrangement illustrated, you have to remove EIGHT matches to leave TWO squares.



By arrangement with David Nixon. Based on the Thames TV programme. Illustrations by David Jefferts

MOUNTAINS OF FIRE!

Volcanic craters in the Congo, including the famous *Niragongo* lava lake (below), discovered in 1948. All together, some six-hundred volcanoes have been erupting in the historical times since man first appeared. In this week's LOOK-IN is a breath-taking colour feature which investigates these mountains of fire, from the destruction of Pompeii to the recent Etna eruptions.



Dora hunts for the truth about 'Tango'...

Follyfoot

FINDING A STRANGE MARE, IN FOUL, TIED UP OUTSIDE FOLLYFOOT ONE DAWN, STEVE TAKES HER IN. DORA CHRISTENS HER 'TANGO' AFTER HER CURIOUS, DANCING GAIT. ALTHOUGH HER UNCLE, THE COLONEL, IS UNABLE TO TRACE ANY OWNER, ONE TURNS UP, EVENTUALLY... A MR. JACKMAN, IN COMPANY WITH A LOCAL POLICE CONSTABLE!

UNCLE! COME QUICKLY! THEY'VE ARRESTED STEVE! THEY SAY HE WAS SEEN TAKING THE MARE FROM THE PINECREST HOTEL!

THERE IS NOTHING THAT THE COLONEL CAN DO...

LOOK, DORA—IF JACKMAN HAD A BILL OF SALE PROVING HE'D SOLD TANGO TO THE PINECREST LOT...

BUT SUPPOSE IT WAS A FAKE?

IT'S SO UNFAIR, COBBY! JUST BECAUSE STEVE WAS ONCE IN TROUBLE WITH THE POLICE BEFORE! WHY COULDN'T I HAVE BEEN UP AND ABOUT WHEN HE FOUND TANGO?

THEN DORA COMES TO A DECISION...

DORA SADDLES UP AND RIDES OFF ACROSS COUNTRY...

JUST BEYOND THE FARM, FOR THE SECOND TIME THAT DAY...

HULLO! IT'S THAT LITTLE OLD MAN IN THE RAINCOAT AGAIN! WHY'S HE WATCHING FOLLYFOOT...

DORA SWINGS OFF TOWARDS HIM... BUT BY THE TIME SHE REACHES THE TREES...

VANISHED! NO USE HUNTING THROUGH THE WOOD. HE'LL BE AT THE ROAD BY NOW!

PUZZLED, DORA TURNS BACK FOR THE PINECREST HOTEL...

HO! LEWIS! COME AND GIVE ME A HAND WILL YOU?

POOR TANGO! I FITT' HER. IF SHE HAS TO STAY LONG IN THAT AWFUL PLACE!

I'M GOING TO SNOOP AROUND PINECREST! I'LL BET ANYTHING THE HAMMONDS HAVE GOT JACKMAN TO DO ALL THIS, JUST TO SPITE US!
M. NOBLE

NEAT! IT WORKED THEN, DAD!

COULDN'T FAIL, COULD IT? DO YOU HAVE TO PLAY THAT THING AT FULL VOLUME?

THE BEAST! THAT AWFUL ROW WILL FRIGHTEEN TANGO!

BUT ASTONISHINGLY...

WHAT THE DICKENS...

COR! SHE'S DANCING! JUST LOOK AT HER! STEP IT OUT, GEL! YEAH, YEAH, YEAH.

NO CHANCE OF OVERHEARING ANYTHING WITH THAT RACKET GOING ON. BEST GO AND SEE HOW STEVE'S GOT ON.

WHAT HAPPENED, STEVE?

THEY'RE GOING TO PREPARE FORMAL CHARGES. I'VE HAD TO GIVE MY WORD I WON'T LEAVE THE DISTRICT.

THAT MARE NEVER BELONGED TO JACKMAN! SHE DIDN'T SHOW ANY RECOGNITION AT ALL!

IT'S ALL VERY WELL TO TALK, BUT YOU'RE RIGHT, WE HAVE TO FIND OUT WHO DID LEAVE HER AT FOLLYFOOT.

THEN, SUDDENLY...

STEVE! LOOK! A CIRCUS POSTER!

FOR PETE'S SAKE! SO WHAT?

DON'T YOU SEE? THE WAY TANGO DANCES WHENEVER SHE HEARS MUSIC! I SAW HER AT IT AGAIN AT PINECREST! STEVE... SHE MUST HAVE BEEN A CIRCUS HORSE!

YOU'RE BARMY! CIRCUSES DON'T LEAVE THEIR MARES TIED UP AT GATEPOSTS! BESIDES, SHE WASN'T TRIMMED AND GROOMED PROPERLY...

IT'S WORTH FINDING OUT, YOU IDIOT! GO ON—GET UP! WE'RE GOING TO THE CIRCUS... RIGHT NOW!

Next week! On the trail of Tango's real owner!