Nº 213 NEW WORLDS



WORLDS

Food From the Victors for Famished Friend and Foe

NUMBER 213 All contents copyright 1978 by contributors Summer 1978

This is the second issue of NEW WORLDS in still another phase of its life. In this series we intend to develop specific imaginative ideas originally conceived several years ago in the 'old' NEW WORLDS. Some of the material here dates from the early seventies -- the Musician-Assassin feature and the Nathanial Krill centre-spread, for instance. The J.G.Ballard material was originally done in 1958 and is published here for the first time.

When we closed down the old NW, due to financial pressures caused primarily by Smiths and Menzies, we expected to see a new crop of magazines, of writers, carrying on from where we had stopped. Sadly, we have seen instead a regression. Sloppy writing -- identified with the worst aspects of the so-called 'New Wave' -- has been added to conventional ideas, doubtless to the relief of most publishers. Good work continues to be published, but is received sceptically and often uncomprehendingly by the literary establishment. Therefore we have decided to publish this issue to see what kind of response we receive from readers and contributors. Most of the contents will be presented as news items and you are asked to bear this policy in mind if submitting items either in manuscript form or preferably in prepared form for reproduction. We are not a 'satirical' magazine. Criticism in future issues will be more specific. Work submitted should be laconic, concentrating as much original invention into as small a space as possible. Ecstatic prose, self-examination etc. aren't wanted. Essentially we are asking for news reports and pictures from imaginary versions of our own twentieth century. No material will be returned unless accompanied by suitable postage etc. Payment will be minimal, based on a profit share between contributors and printer. Although we make no claims for this particular issue we do feel it helps define areas of subject matter and methods of handling those subjects. We feel there are ample markets for conventionally-presented fiction, so we do not want short stories. Contributors to this issue include Richard Glyn Jones, Robert Meadley, Jill Riches (art editor), Michael Moorcock, Charles Platt, with help and ideas from Hilary Bailey, Langdon Jones, M. John Harrison, John Clute. The printer is Charles Partington, a contributor to NWQ and other magazines;

While donations towards cost of production are welcome, we do not intend to accept long-term subscriptions or guarantee schedules. we feel, would involve standardising the costing and to a degree the contents of the magazine. To feel obliged to publish will minimise the enthusiasim which is the most important factor in a publication of this kind. We are publishing in order to support and encourage certain aspirations, in order to counter the general cynicism of the fiction industry. We are not seeking patronage any more than we are seeking converts.

Only a very small number of copies of the previous issue was published and we apologise to people who have asked for it and been disappointed. At some stage we might run off a reprint as a supplement to another issue. Thanks for your interest.

The Contributors





THE RISE OF THE MUSICIAN-ASSASSIN by Michael Moorcock and Richard Glyn Jones



























thing is sure- the music-ian-sessesing provided a bit of a lift to a pretty stale century.





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popular bero.



In the so-called krypts which fir plemey war period (1870-1957), c-









The Daily **Celegrap**l

MARKAGENCY EDITION PLRASE PASS ON

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One Halfpenny

PEACE TREATY THE FULL TEXT OF THE

13 AIRSHIPS IN RAID: 15 CASUALTIES. CONDITIONS OF PEACE.

Philling Night Scene-Half Burned Bodies of Pirate Crew Recovered from Wreekage-Eye Witnesses' Dramatic Stories.



ered last night from the shir scout vessel for the anarchi-Tover Hill Fifteen bodies were recov-(now known to be merely sts' main force). shot down over

This 'kill' was the only true success of the engagement which of Parliament, Buckingham Palbegan in earnest when daysbroke squadron of black ba'tleships darkening the sky and spreadace, Westminster Abbey, and revenled squadron ing to hover over the anarchists were

the

lsts' conditions, centre pages. Details of the battle for the sky plus the full text of the Treaty, with the anarch-Peace

lieutenants last Thursday) in

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by ordering the summary executions of four of Cpt. Makhnot

Admiralty and Whitehall.

that

CAN DEMOCRACY SURVIVE ?

pahis saluting with their flashing sabres as the coffins were carried past

Please see page 17

"BROODAFTER BROOD OF WARSHIPS,"

Navy Is Producing Now. "MYSTERY" FACTORIES. CRY MR. ALPRED NOVER.)

What the "Cradle" of Britain's

the anarchist ships which raided London on Saturday warships are being built orce so badly defeated n yesterday's battles. last night he said that "direct result of sentmental nationalism' he warships 'to interests said Major General Sir Sir Perebeing sent against the cornerstone of Liberal Democracy' he claimed. ne believed several of The raid was a Brood after brood of had been built on the Since the granting of nas been building and Peregrine Worsethorne n a statement issued that the Clyde area on the Clyde and are supplying new aerial alien to the British ets, it now appears once the 'Cradle of from the War Office grine commanded the Britain's Mayy' -political system' independence to last night. claimed. Clyde.

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Once again we ap-

THE FARMYNCY

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Throngs of Sightseers View Wreckage CONOUERED GIANT. of Pirate Airship at Cullley.

"LIKE A SMASHED CAGE,"

aer-fal destroyer builties?) Cuffley, Saturday nm. pirate airship brough down over Cuffley this sightseers curious to see described afternoon attracted many the wreckage of the as the most up-to-date what has been



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OUTRAGES IN GREECE.

RUMANIANS STILL IN RETREAT.

RETREATED, LEAVING LON-CRISIS -- RESIGNED LAST DOW ALL BUT DEPENCELESS THATCHER -- CLAIMEG THAT ANARCHIST SYMPATH-HAD WEAKENED HER POLIC-COUNTRY TO ITS PRESENT ISERS IN HER OWN PARTY AND BROUGHT MIGHT.





AS ROUMANIAN MERCENARIRS

Cabinet/Greece. Back p. An Emergency

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(Biting the Hand that

Fed Them: Page 12),

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"I am 7000 years old",

the million year girl rescoring the cns

mr. f

XCO Run Hot with a Million Programs Starts

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General defends right of Executive Educators call for quality not quant to withhold information, coposes Senate bill cation; enrollments in science cou budgets will take larger percentage, C&EN finds Ziegler and lithium-type catal On basis of expected sales this year, resear in race for job of

LITERARY SUPPLEMENT

ACCIDIA TRIBUNALS

'SHOW TRIAL' ACCUSATION. Sir Victor attacks International Court.

The International Court hearing several hundred accidia cases a week has been accused of being a 'presiding over nothing but a sries of show trials' by V. S. Pritchett (known affectionately to thousands as V.S.O.P.) who was himself found guilty of hammock philosophysing -specifically in reference to a book on George Meredith, published almost a decade ago. He said that the feeble and the old had been robbed of all dignity during the hearings, and many could not even remember the incidents relating to the crimes with which they were charged. Others had produced confessions evidently torn from them by threats. Many had been in fugue, while others were so weak-minded they should never have been subjected to the strain, said Sir Victor, who is now in Constantinople where he has applied moral asylum.

PUBLIC HOUSES AND ALCOHOL

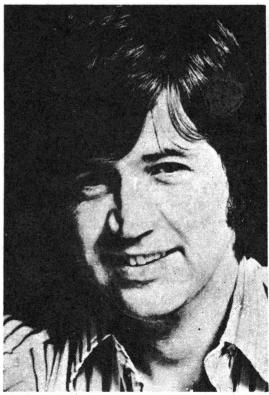
He cited specifically the of Sir J.B. Priestley who was forced 'to endure many hours of the harshest cross-questioning concerning books he could not even remember writing' and who eventually down and admitted that all he had ever really wanted to do was to run a small hostelry on the outskirts of Skipton; where I could pontificate to my heart's content'. association of public houses alcohol with most of the cases brought before the tribunal was typical of the court's bias, Sir Victor.

SENTENCES

Yesterday many minor accidia cases were heard. They carried sentences ranging from the printing of a public confession that the critic had not read a single book sent to him for review in twenty

years', to the rather harsher punishment of Michael Moorcock — who was sentenced to rewrite almost his entire output of fantastic romances. His counsel, seeking the court's mercy, said that to force his client to read the books was surely punishment enough. On receiving sentence (believed by many to be unduly harsh), Moorcock wept openly in the dock.

Others found guilty of 'using inept metaphor and simile' and of 'barroom reviewing' included Alan Brien (described as 'a poor man's Benny Green'), Alexander Solzynitsin, Emma Tennant, John Braine, Anthony Powell, Christopher Booker, Malcolm Muggeridge, Brian W. Aldiss, Charles Osbourne, Kingsley Amis, Gore Videal, Richard Ingrams, A.J.P. Taylor, Gillott, Russell Davies, Richard Adams and about twenty other minor English-speaking writers. Summing up the court said that those found guilty had displayed a cynical philistinism and creative impotence worthy of a legion of radical social workers. Next week it is the turn of the French and Italian writers.



Sir Melvyn. Holding his seat?

CRIMES AGAINST LITERATURE Hamilton and Thwaite in the dock again.

While the International Accidia Trials continued in Paris this week and about a dozen cases of Literary Fraud being heard at the Old Bailey, Sir Michael Hope-Dempsey presided over a case which has somehow failed to capture public interest, in spite of the fact that several of the defendants have persistently refused to take part in what they have called variously 'afarce' and 'the typically immoral and political misuse of a law [the Crimes Against Literature Act] intended to centrol genuine troublemakers'. Matters moved a little further towards resolution yesterday when Anthony Thwaite, a journalist, changed his plea from 'not guilty' to 'guilty due to an inadequate sense of irony'. Ian Hamilton (who described himself as 'an editor and a serious person') and George Steiner (' a wondering immigrant into English literature') both refused to plead when accusation -- 'That they did persistently and without humour further the cause of bourgeois self-esteem' was read out. Colin Wilson, another journalist, who is facing charges gross simplification of the psyche, did not appear. The reasons, the court was told, 'were medical and physical'.

INSECURE Defending the three accused, Clive James said that Thwaite, Hamilton and Steiner had an insecure, even nonexistent, grasp on language and imagination. Steiner, he said, had a certain gift for mimicry which he had originally to entertain his friends. This had led him astray and given him delusions of possessing genuine intellectual gifts. Steiner was ordered to stand down, pending medical reports. Sir Clive said that Hamilton's circumstances were also extremely sad. defendant had, he said, been living on a series of hand-outs from friends and various charitable institutions and had proved incapable of earning a living, while Thwaite depended on 'universal charity' for his very existence (he had a nominal tob as a 'literary editor'. although he was only capable of reading very simple sentences).

Sir Walter Raleigh, QC, prosecuting, said that he found these attempts to play on the court's sympathy both unmanly and unsporting. He could only remind the court of the words of Robert Hunter from the album 'Norkingaman's Dead': 'Please don't dominate the rap, Jack, if you got nothin' new to say'. At this, Sir Clive saked for an adjournment in order to consult with his clients.

CRUMCSUS

The court re-assembled after lunch, Sir Cilve smooned that Hamilton and Thwatte had decided to plead 'not guilty dam to social supports'. The Judge sllowed for the defence testified to the fact that both som could coarcely see in front of their moses, primarily because of soilliterary judgements ever primarily a matter of guesswork. 'Given the circumstances under which they were forced to work,' said Martin Amis (also a 'literary hey are, after all, a bit short,' el.

At one point the judge had to caution Hamilton who uttered a series of peculiar sniggers whenever his own name was mentioned. 'Any further unhealthy responses to these grave charges and you will be deprived of your crutches,' said Sir Michael. But Hamilton persisted. Thwaite and a bottle of brandy were removed from the court and memories 'of those wonderful undergraduate summers' were expunsed from Hamilton's memory. Later Thwaite was brought back into the court as a witness for the prosecution. He had decided, he said, to 'come clean' and to reveal his inability to overcome his middle-class neuroses, self-deception and sentimentality. Within minutes the judge had ordered the trial stopped and told Thwaite to leave the witness box. These were symptoms, he said, not causes. He warned that contempt of the court was a serious offence. Thwaite, however, insisted that he had been corrupted some years before when he had 'worked as Mrs Drabble's daily'. The judged said that he had lost patience and ordered Thwaite sent for a course in physical training at the Mountain Valley Paramilitary Institute in Dorking, Surrey. There, said Sir Michael, he might learn that life need not be one of unmitigated and agonised self-consciousness. The court was adjourned for the day. Tomorrow Steiner will be back in the dock to answer charges of issuing synthetic and sub-standard aphorisms and of inadequate literary intuition. Hamilton was told by the judge that he was not to appear in court again since his arguments 'failed to meet even the low standards set by today's proceedings'.

CAL act test case

Forgers Accused First Verdicts More Arrests Soon

Imspector Ernott Wheldrake, beed of the Yard's openial Literary Fraud Division, last night named the people he client where the Color of the Color o

Pureyors of pseudo-literature, with a street value worth many thousands of pounds, these criminals have been selling shulterated and diluted second-hand images as pure serchandles, with the result that special clinics have but to be set up to deal with hundred a "be-wildered 'punters' completely in the property of th

Amongst the accused who have already received partial sentence are Christopher M. Priest (Secoribed san ex-accountant, of Harrow) Lester Del Rey (a 'publisher', of New York) and Ian Ballantine (also a 'publisher', New York). Others mened have included the firms of Narper and Now, Doubleby and Mover ted, shielded these criminals and their like for many years 'because they fill the for many years 'because the pid them to do so'.

Although not the ring-leader Priest was accused of the worst offences under the recently passed Crimes Against Literature Act Which was rushed through Parliament last month in order to deal with exactly these outrages. Amongst his minor crimes Priest was found to have exploited the ambience and style of several well-known writers, including Ballard, Aldiss and Morcock, stolen the subject matter of these and others (including Bester and H. G.Wells), 'with the express intention of passing himself off as a literary figure'. He received a fairly substantial sum of money for these forgeries, which included a good many 'stories' and several 'noels' - that is to say works of more than forty thousand words. His work had been detectable fr a long inten - notealle for it came syntactical errors - with to law had secute him. His ruthless and cynical masters had forum in his said Judge hee (who presided), a willing tool -- prepared to produce corrupt dilutions of writers considered too difficulty for the marical).

Montag the trial Priest sat in the cost pale and shaking and refusing to defend himself. He claimed he had merely been obeying comments relayed to him through "agents" and that he had no knowledge of the damage he had done to many innocent young people. When sentence was passed he fainted and had to be carried from the court. Tomorrow he faces graver charges of mosturing and artistic cowardice.

Meanwhile LFD detectives have issued an Identikit picture of the man known as the 'TV Criminal' --Dennis Potter -- last seen on the Isle of Man. He is described a fragmented personality and wanted for facile misanthropism and several charges of gross tautology. His wife told our reporter not dangerous -- just a bit feeble LFD spokesmen promise an early arrest for Potter and at least producer accomplices. Certain actors have been commended for their 'astonishing bravery' during their dealings with the gang.



INSPECTOR WHELDRAKE

BRITISH ENTERTAINMENT STANDARD BOARD REPORT LEVELS GENERALLY ACCEPTABLE

In a jointly prepared report, Mr B. Forbes and Sir. R. . Attenborough claimed that creative intensity in the British Film Industry had been reduced to 'an acceptable level'. TV and Radio still presented a few problems, but the BESE expected to reach American safety standards in less than a year.

EUROPEAN NORMS

The popular music sector was much more difficult to control due to certain random factors, in spite of attempts to meet European norms. The Easy Listening sphere (ABBABAB, Brotherhood of Man, Rick Wakeman and so on) was now in equilibrium thanks considerably to the Eurovision Song Contests which had done so much to counter influences ranging from the Beatles, Jimi Hendrix, the Who and, more recently, Ian Dury and the so-called 'New Wave' groups. A deliberate infusion of nostalgia' was helping to offset

this latest trend, however. OPERA AT LEAST NO CHANGE

In classical music a great deal was being achieved, thanks in part to the efforts of such conductors as Charles Mackerras and Andre Previn. They had successfully 'levelled off' various ambitious works by a wide variety of composers. Mackerras was especially commended his production of the pantomime version of The Magic Flute as well as the splendid satire of his Wagner interpretations, while had probably done 'as much as Englishman' to set back understanding of Olivier Messiaen in the U K by several decades, with the recently televised destruction of the Turangalila Symphony. In Opera, happily, the level of public expectation had always been low and this situation showed no signs of change. STOPPARD

The stage was presenting certain problems, but with playwrights like Tom Stoppard writing regularly for the English-speaking theatre there was not much possibility that the cultural boat would be rocked for quite some time.



DANGEROUS INTENSITY

While prose writing in Phalish was beginning to show signs of increased intensity there were many decent people (particularly publishers) doing sterling work in an effort to counter this unwelcome trend. Here, as in other spheres. the Arts Council was to be commend -ed. In the past ten years Literature Panel had defeated the aspirations of thousands would-be 'intensifiers', encouraging an unprecedented blandness, to be found particularly in most of the magazines it funded. It agreed by all informed people that the public was not yet ready assimilate any concentrated doses of prose. Sir Richard and Mr Forbes said that they hoped that men and women manufacturing might produce weaker solutions, at very least, and that this might serve to maintain the status quo for a few more years. They hope to announce the first A Book for Europe competition soon. With John Fowles, Catherine Cookson, Anthony Powell and Margaret Drabble in the running. Britain should have a better-than-average chance to win.

COMMENDED

Commended for their 'hearty philistinism' and 'healthy cynicicism' were a wide variety of newspapers and magazines, all of which were 'doing their bit' to levels of expectation down. These included Private Eye, The Observer, The New Musical Express, The Sunday Times, The New Review and others.



Thoracic drop Taped

Wannington conference hears "harsh words" hurled of demicial industry's sariff policies Here are complifith domestic low pressure process plant comes in a complifity of the process plant comes in a complifity of the policies of the position of the policies of the polici

"L-5 on the big routes."

Now 7a- and 7β -hydroxysteroids are available via new Merck and Schering techniques opposes bills, Membrane permeation process wrests components out of difficult-to-separate liquid mixtures New tool stems from photosynthesis work, says Nichols Medalist Golvin — credits free research

... depth squad:

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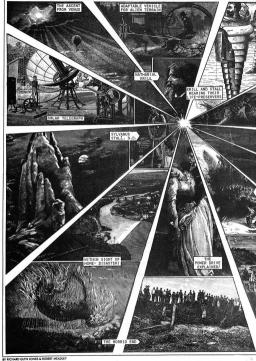
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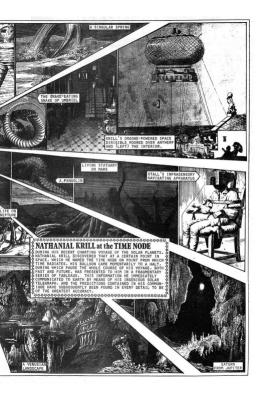
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Present and Future	Preparation and Recycle	Conversion State	Feed Materials	Feature Lecture
Foundation Projects	Optical Rotation	World: Past	Familiar Elements	Less Familiar
	Conformational Analysis	Nuclear Field		
Preparative Organ	Newer Methods			
Purine Antagonists	Biochemical Origins	Hypoglycemic Agents	Fuels of the Future	Food Additives
		Group Events	Plant Trips	
Heavy Elements	Modes of Action	Heterogeneity		Bivalent Organ
New Tools	New Elements	High Performance	Recent Approaches	New Developmer

coded sleep and intertime





FEU PIERROT

INFILINCED BY AN EARLIER CENERATION OF ROMANTICS INSPIRED BY THE SEMINAL PIERROT DEBURNAL (see, for instance, Lee Refarts du Praddis), JULES LAFORGUE WAS THE FIRST PORT TO USE MODERN SCIENCE AS MITAPHOR, AS AN IRONIST HE HAS AFFINITIES WITH SEVERAL NEW WORLDS WRITERS, HE INFILENCED ELIOT CONSIDERABLY. WILLETT'S PIERROTS, APPRABRING PINICIPALLY IN LE CHAT MORE (see over), CAPTURED THE MOGOU OF A GENERATION OF MONTMARTHE BOHEMIANS. WE THINK THAT BOTH LAFORGUE AND WILLETTE DESERVE TO BE EMJOYZED BY AN EMGLISH-SPRABLING AUDIENCE, AND WILLETTE, THE ONLY IN-PRINT TRANSLATIONS OF LAFORGUE EXIST IN AN EDITION EDITED AND TRANSLATED BY WILLIAM JAY SHITH (Selected Writings of Jules Laforgue, Greenwood Press, Westport, Conn. USA) THIS VOLUME CONTAINS A SHORT FOREWORP, DOERS, TWO MOGAL TALES HAMLEY AND THE MITACLE OF THE ROSES — AND SOME DRAWINDS PREVIOUSLY HER DITTON HER DITTON HIS TO SHAPE AND THE MITACLE OF THE ROSES — AND SOME DRAWINDS PREVIOUSLY HER DITTON IS A 1972 REPRINT OF THE EDITION FINISION.
SMITH MENTIONS THE GREAT DIFFICULTY OF TRANSLATING LAFORGUE. THIS SUCCESS.

ADOLPHE WILLETTE (1857-1924)

JULES LAFORGUE (1860-1887)



COMPLAINT OF LORD PIERROT

By the light of the moon, My friend Pierrot, Let us go, costumed, To preside up there. Christ can take it, My brain is dead. Let us gape at the moon With mouths rounded.

Descend, Unconscious, through our reflexes, Mix up cards, dictionaries, sexes.

First, let us whirl round ourselves in a spell! (Flesh, to be used, must be shaken well.)

I'm as clause and pure as a lump when it's late, As soft as an old engraving plane. Plamp Venns, already as drank as a lord, is out there swording upon the strend. Your boar of delirium's at hand. Throw the alters, Corylans, to the four winds! Unlinch your modersy, down with your linest Consumed in white, I'fl piley the sword. After us the Doluge, O my Links!

After us the Doluge, O my Links!

Hup! Along pule horizons let's Dash off our buffoon minuets! The universe without a doubt Is inside out!...





That does you justice, Lord Pierrot, On with the show!

—Ah, if only a woman were to come to me, Ready to drink from my lips or die!

A nobler conquest, it should be said, No woman in her wildest dreams ever made.

> May God grant me leave until that day To live in the same old compromised way.

Where does human or divine

Dignity begin or end? Let us juggle entities:

Let us juggle entities: Pierrot trembles, the Almighty leads! Now you see them, now you don't, Now you don't, and now you do,' All opposites are the same,

And the Universe will not suffice! And liaving adopted as my aim A life of impossibility,

I feel less and less localized.

—That does you justice, Lord Pierrot,
On with the show!

—It was so very warm, so dry.

Now it is raining, my pretty maids!

Greek-nosed Venuses in woodland glades

Are snivelling.

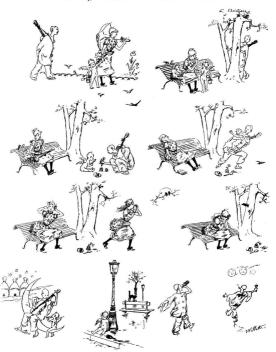
—Oh! now that isn't so droll; Has Pierrot forgotten his rôle?

—A strange lamp swings in my sorry brain... Bah! I'll go spend the night on the train;

Certain my whole life will be As unhappy as the stones. (Repeat)



Deux Pages d'Amour. -- Dessin de Willette



Deux Pages d'Amour. -- Dessin de Willette.



Psychic News

TESTS IN DEATH RATE ACHIEVE SUCCESS

Twentieth Century A 'Museum of Abandoned Dreams', says expert, 'Future responsible for murder of millions', Prof. Klein tells annual STF conference.

The over-rapid production of a bewildering of technological in the name of 'the future' has become the most crucial single issue the 20th century, a conference called in Guinea was told yesterday. The images are aborted before they properly be absorbed, failing to provide individuals with appropriate dream imagery, said Prof. Murray Klein of Harvard's Physical History Dept. He was opening the 15th annual 'Scrap the Future' meeting of top intellectuals from all walks of life. He said that certain forms of quasinostalgia (primarily for weapons and war-machines) were attempting to assimilate a wide variety of technological devices from aircraft to computers, but without much success. since the forms themselves were inappropriate: 'mounted, as it were, on inadequate frames not designed for the more sophisticated functions they should be performing'.

CRUCIAL SURGES

This had caused crucial entropic surges in the collective unconscious which in turn had resulted in a monstrous increase in the murder rate as well as psychosomatic deaths and suicides of all descriptions. The phenomenon previously only recorded amongst primitive people experiencing sudden, massive culture shock, was now the greates threat to individual life the world had ever known. The willingness to deride their own recent past, to deny enthusiasms often only a few months old. was proof that most people were (or felt themselves to be) incapable of holding more than a few ideas in their minds at any one time, said Prof. Klein.

THETSY

The 'heresy' of the Future had been countered by an equally dangerous mystification of the Past -- both had been celebrated inordinately, with the result that 'the eternal Present' had been almost totally ignored. Since this was mankind's natural temporal element it was no wonder that a number of major disruptions had place, worse than at any other time in recorded history. At its crudest this apalling disease manifested itself in the anguished crimes of men like Stalin, Trotsky, Hitler, Trumsn and many others who claimed the false precedent of History and the equally fallacious conception of the Future (discovered in such familiar phrases a 'History shall show ... ') as a justification for

pitiable acts of mage slaughter in maniacal efforts to avoid the effects of 'cold turkey technological withdrawal'. The loco -motive, the motor car, the radio, TV, phonograph, cinema and the flying saucer, have since had time to establish themselves in our imaginations, but that establishing process had cost us dear. What of the airship, the seaplane, the rocket-mack ? All scrapped before they could be assimilated. The 20th century had become a junkheap; at best a museum of abandoned dreams. It was time to review and process existing imagery before accepting fresh material. This must inevitably involve the abolition of the Future. Madmen bad raised the banner of the Future to replace their own evidently strong religious indoctrination (all the great 20th century tyrants had marked religious backgrounds). By substituting the Future for an anthropomorphic God they had been forced to encounter the inescapable fact of their own mortality. As other tyrants before them, they had initiated quasi-ritualistic murder, sacrificing millions to this God in the hope of appeasing it so that it would not 'take them'. This was a very simple example of a panicky refusal to accept the Present and its realities. Accepting the Present did not mean accepting the social status quo, as many believed. Faith in the present, concluded the professor, was all that we needed. Abolish the Future, abandon precedent, and we could see an extreme improvement in the human condition.

Hughes COMIC self-supporting

HUGHES Microelectronics, the UK subsidiary of Hughes Aircraft, has turned its COMIC system (Customer Organised MOS Integrated Circuits) from in-house to a self-supporting

commercial venture.

The company claims that COMIC can cut both the development time and costs of custom LSI CMOS by up to 70 per cent over conventional fabrication techniques.

fabrication techniques.

Like all good ideas, the Hughes customising system is delightfully simple, requiring no manufacturing knowledge on the part of the chip designer.

NEWS IN BRIEF



Artistes Wanted

The fifty-sixth annual tea-party of the Bwotherhood of Wuwalists held in The Thatched Wetweat, Quinford Chcus, Dowset, was interrupted yesterday afternoon by police making enquiries about the disappearance of Girl Guides in the neighbourhood. The interruption, said Graham Ovenden and Peter Blake (two of the infamous Bwotherhood) was a 'twagic invasion of pwivacy'. Later three men and four women were held for questioning. Two were released on grounds of exceptional limpness. The Lewis Cawwoll and J.W.W. Tolkein Societies are currently negotiating for the release of those still in custody.

News from Wales

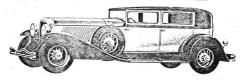
On the advice of various critics and by common consent Wales has decided 'to extinct'. This country will destroy itself next Tuesday. A spokessan said that Tuesday. A spokessan said that he hoped Wales would set an example to other countries and even institutions which had outlived their point. It was, he said, a kind of 'total devolution'.

No Future for Future

Tem years ago the Society for the Abolition of the Puture was regarded as foothing but a bunch of Treasks or nuttered said Sir Horace Brailsugh, speaking to a packed Albert Ball yeaterday. The ideas Ablert Ball yeaterday is the ideas gaining ground — even becoming fashionable — and it was to be hoped that more and more influential people would add their voice to those already calling not for any return to the Past, but a 'matesphysical and moral acceptance of the Present'.

Speed trials

In yesterday's speed trials Laurence Molan snorted fifty-two grams of Chinese cocaine and swallowed ower a pound of amphetamines to take the record from the reigning champion, Z.D.Jones. Mr Holan weighed in at four stone, three ounces. Later he spoke rapidly to reporters before disappearing.



: the existential ves!

Fresh water from sea water is one way to relieve the shortage of both industrial and municipal water. The cover shows a Badger-Hickman No. 5 centrifugal boiler compression still during erection. This semi-commercial unit went into operation on March 7, 1957.

Fundamental research being pushed by industry . . . Cotton coming back strong . . Fresh water shortage gets boost from new type still . . . Foreign low-pressure polyethylene may stir U. S. businessmen . . Shall one way to increase oil reserves

TIME ZONE

Heard over-the-transom at Miami . . . Ozone, although hard to handle, is finding use in industry as an oxidizer . . . Photography is no small item with today's companies; several companies employ as many as 6 or 7

Should we have research for its own sake? Many companies say yes. There are problems in implementing a fundamental research proaram, Plastics are taking over a big share of the job of removing corrosive fumes in industry; catalytic exhaust muffler makes operation of gasoline-

C. H. Pelton of Clinton Corn Processing Co. outlines the role the chemical

the A-girl COMA

engineer plays in selecting the right materials for building process
Are separators too old-frashioned for cleaning up wastes at oil refingries? Definitely yes, says author Hart.

time pack MR F

OW Drops the pH

Plastics consumption may hit 35 pounds per capita in 1965...here are the manufacturing, fabricating, and distributing trends . . . Digital computers are solving some basic math problems for the chemical engineer Hope you haven't forgotten the Paley Report-this is what our materials picture looks like at the end of five years . . . Noise still isn't much of a chemical industry problem, but there's active interest in Beginning with the January 1957 issue, the Workbook pages (Anumbered pages), have been perforated. This new approach was adopted by the editors to increase the usefulness of these pages to the reader. In a test of this operation for the editors, more than 90% of

the readers endorsed it. Oma slid out of the solar rig

Zolin and Green of Du Pont begin a two-part study of epoxy resins as engineering construction materials, with 13 case histories of successful Pressure packaging may spawn new family of food products . . . Research—Cottrell's plastic models help in study of precipitator design . . . First trip to outer space may be to Mars' moons . . . Minerals found by chemical prospecting . . . Pulp mills are still the biggest source of stream To pilot plant or not to pilot plant? No matter how you decide this guestion, it could be expensive for your company. Cover shows make believe process which a panel of experts discussed. Top to bottom: Donald D. Jordan, Shelby A. Miller, John B. Tepe, Edward G. Scheibel, Donald Q. Their answers to this question are on page 578.

Schuman and Alpert of Hydrocarbon Research Inc. demonstrate that for a broad and basic segment of the chemical industry, prices have not risen to the extent indicated by government statistics. They propose a new price index, and show that the moderate increase indicated is related Epoxy resins are among the most versatile new polymers for combating corrosion. A dozen of these successful applications by Du Pont and

Chemical are shown on this month's cover to emphasize the im-Experts forecast big year for epoxy resins...Industry goes to Florida to attract technical talent...Manager development programs coming for the chemical industry...Breeder reactors look like the coming thing but pose problems . . . Still more emphasis on human engineering

Kline: Do you know when to add continuous process control to conventional control methods? Our new instrumentation editor, R. F. Wall of John General Electric has a plan for developing chemists and chemical engineers into managers. T. S. Lisberger follows his general discussion of last month with the specific principles behind this succonsful program.

الحكومة البريطانية : لا نستطيع عكمل شحي ! و المقانون يحمي فق ط المذهب «الانكليكاني»



منتوجات لحصوم

امریکانا AMERICANA

DISORDERS IN PETROGRAD.

rror

WEDNESDAY, OCTOBER 8, 1930 One Penny

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DOMINIONS

INDIA IS NOW TWO "GIGANTIC STRIDES TOWARDS CATASTROPHE."

POWER TRANSFERRED AT MIDNIGHT



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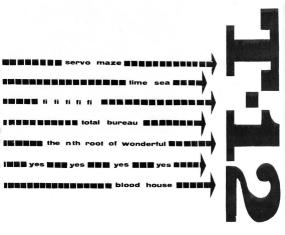
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Volcano Jungle: vision of a dying star-man

Editor's Note: Feature of the March 1957 Scientific American was an article by David S. Jenkins, director of the Office of Saline Water, U. S. Department of the Interior. This article. which described generally the various salt-water conversion methods being investigated under Interior's sponsorship, said partially of the Badger-Hickman still, "In the past three years interest in compression distillation has been heightened by an exciting new system. In essence what Hickman has added is a simple device for increasing phenomenally the rate of heat transfer to the water: namely spreading it out in a thin film. The salient feature of this device is a rotating drum, shaped something like a child's musical top." I&EC's article on the succeeding pages describes in detail the development of this still. As this article went to press, the editors were advised that the semicomn than those obtainable from government sources, which provide a much larger price increase from 1939 to 1947 and for the over-all period considered. A correlation shows that the very moderate price increase in industrial chemicals from 1939 to 1953 (compared with the sharp price increases experienced by the rest of the economy) is related to the rapid expansion of the chemical industry during this period. The result has been more goods at relatively low prices ultimately for the consumer; on these bases it can be concluded that the industry is fulfilling its functions satisfac-

• • • Coma,' Kline murmured, 'let's get out of time.'

Tragic Airship Victims' Safe Return Home to England

