THE VITAMIN DIET THAT MAKES YOU YOUNG

THE CONTROVERSIAL FACE IN SPACE

THE MALI

BURGERS, BACTERIAL JEANS,

THE RESERVE







EOFOR & GESION DIRECTOR BOS GUCCIONE PRESIDENT KATHY MEDION EXPORTAL DIRECTOR BEN BONA DEGLINE EDPOR DIOK TENES ATT DIRECTOR FRANK GUYND ELPOPEAN EDITOR DE BENNARO EXON ELPOPEAN EDITOR DE BENNARO EXONETION ASSOCIAL FURL BEEN MANAGORE HONATON

| CONTENTS | | | PAG |
|---------------------------------------|---|--|-----|
| RRST WORD | Opinor | Sec Boys | |
| OMNIBUS | Contributions | | |
| EARTH | Environment | Persela Wentraub | |
| LIFE | Somedone | Borrerd Dxon | |
| SPACE | Comment | Owen Dayles | |
| MND | Birbalor | Anna Kisan | |
| 900KS | The Arts | Gordon Mc Comb | - 1 |
| SILICÓN ORO-ESTRAS | The Arts | Spider Robinson | : |
| FILM | The Arts | Lax Encoon | - 1 |
| MUSC | Thu Arts | Michael Shore | - 1 |
| SINGING FISH | The Arts | Jirr Mastro | - 4 |
| EXPLORATIONS | Trivel | Scott Eghert | - |
| OONTINUUM | Male Rf. Parachuting Burgers & Bacterial Jeons | | |
| FACE IN SITURE | Arada | Wholent DiPletro and Gregory Molenear | |
| AND ALSO MUCH DATTLE | Fiction | Coone Willia | |
| WITAMEN DIET THAT MAKES YOU YOUNG | Article | Kathleen Sien | |
| WHEN AULD'S ACQUAINTANCE IS FORGOT | Fiction | Harian Elison | |
| HOBERT REDFORD | Prolite | Sordan F Sander | |
| A DANCER S SECRET WORLDS | Pictoral | | |
| LIONEL TIGER | biowew | Di Moseley | |
| ANTIWATTER | Joan of Arc. etc. | | 10 |
| STARS | Astronomy | Mark R. Chertrand III | 14 |
| SOLOWING MEDIUM | D | Can Bernath | |



The stinking vision disposited or data month's owner is by Jugar and foshines disdamation. To orningation of an egg encusar when because a northic resolution could forestware all vicion frage for marked a confinued existence in this 

FIRST

The best way
to bring about economi
well-being is to
invest significantly in
scientific research
and new technology.

Why is the U.S. societies engagery or busy? All the indistribution states are in toorcasts occupied. Acres of the works with the exceptions of motorchald nations as conceasing inflation in exchanging which conceasing inflation in exchanging with containing inflation in exchanging with containing with mind up operations containing with mind up operations containing with the concerns containing with interest payments and individually dischild and exceptions containing with interest payments and possible in administration of the possible in administration of possible in administration of possible in a possible in possible in the possible in possible in

describilities Coliminate Price extraction leaking when mitted lize this impressed them last Describer, "I global policient have communities without before the the inclusional blood Micel, saw three processing little for the respons feating our last library said global in put 17 different analysis policient and in creations, exception wage communities to global values. Such acting global policient algorithms of business acting global policient algorithms of business acting global policient algorithms of business.

other government legislations of business of inference of the production of the committee of the following rost enough creatment of copied goods, and so on Some economics have solved a copied goods for the solved as one control the copied goods of the copied goods o

According to the Kindiabor Cycle we will be the state of the state of

orkers one Since approximately 1972, when OPEC Signs its price hiskes is mes stage of verice proposed to the price hiskes as mes stage of verice conditions to the proposed to the proposed of the proposed to the proposed published grower the down of the bood of other insulations formed the bood of other insulations formed prices up on others air find walter and becommer or others are find walter and becommer the proposed of t Global 2000 State the recomment of a paraseptiment of the property of the state of littlery. A worstande capacytem's surrey stamps are stated to the state of the state of the state of the state of states of the state of standards and states once in specific specific and the development of the standards and in the state of standards and states once in specific standards and states once in standards and states once in standards and states once in standards and states once standards and standards and standards and standards and standards and standards standards

Since the Const Decreasion of the SIGNUM comments have ruggested, and politicates have goe registered, which was a support of times—the learned disease the cash be turned accurate if the money supply is expended to character comments are the time there called Veryndean pump. The time there called Veryndean pump pomming, althought along the what therefore comments when the what there is comments of the comments both rightle labour as we personno recolution. The Plaques is the recolution in the Plaques is recolution. The Plaques is the recolution in the Plaques is recoluted. The Plaques is the recolution in the Plaques is recoluted. The Plaques is recoluted is recolute

real that delet cleave applicable jump promiting, additing in evol gate matter, had in med. Despite Productin Reagan's body refused as a new poctorion evolution; the People in the count communes; poolate and the evolupe fingaging economy. An introducing number of economics are coming to the that devicating obstaclater determed will not each by that evolution and the count evolution of the count evolution evolution of the count evolution evolution of the count evolution evolut

chall fail with the many heaping and constitution of the process o

Today we need ayu onestica. "Terridushikularian of Amperica." Plut spindushikularian of Amperica. "Plut spindushikularian di does not consect of proprings help all ships got in discusses such as stociliand automobilis. These selectings is stociliand automobilis. These selectings has pass. "Remission reduction future. One way to get private business moving again to 5 or consecution future. On execution and development," Nucleosavirus Mariant that the response to economic health leaves in RLO investment. Because Repositional automobilis.

Bossium Reognotions or decreasing measured in RBL in seem doubted for the aidministration is economic retirepted in the aidministration is economic Without a approus commitment to ourseing sectionings and the education light and decrease them both all the searchings and aidministration or occasi services and all the inequality was buy for our de-









Viking photograph of West cleets and idealists. Sander is now at photograph was filed away and largotten DiPiotro, an expert in satalité image processing labored to improve the clarity DiPetro recells - but when our color enhancements revealed such fine deteils the interesting case of Face in Space. turn to peop 54. With each new clar that surfaces" the Space Age slouths say "the

When rowng journelist Gordon F Sander

8 CANA

work on a baccraphy of Bod Seding (who Unitive name other socializasts who

earlier primate inevanchies. Mossiler save "Name any medam accord physography..." feminism martial basakups, the gay rights graffit art and boam boars.

arryone who happened to be passing

extrability and effort included in the offerno Sharpha Firston Manager DO



A Create Penk D. Are Assolute in Checker Mary as Richion Distribib Woodons Peda Editor for Hidrights Knot Arel Photo Cottor Lin-Ships 2nd Rector, John File Hill Tay Buoton Line See Rector and Assolute Mark Mari TERS

COMMUNIC/ATIONS

British Support
| with to express my support for Oren's strength and are per a trend in the 1 lease 10 test.

sent register of the New York Course Indies to the Moral Majority of courses From the side of the Atlantic Dosan it seems America is becoming polarated register facilities at one and and virtually everyone else at the other if the Moral Vagotity has its un-American way, America

experience your warm responsing and high standards. I see the jas is very troubleatine development. Surely America's role is no lead this planet toward the exploitable not outer space.—A least beyond every other mation on Earth. This ideal may indeed be englanged by the cynthings of an englanged by the cynthings of an

Tany Norder Redbridge, England

Factor Fiction? In Continuum [February 1982] you

published an item about Dr Peter Lewki's afterript to prove that sounds have been recorded on ancient plates potterly and other astifacts. This theory was also proposed by

In the stary by Benford the feet was accomplished by integrating a suntable, a stylus and a computer

Robert G Most

Them has been some debate in the past in your Letters columns about "Soft terrs" (Orother 1991) I would like to clastly the story's calegorization. If was not sowere lichor, it was science factor come true. Seven Colman Sen Francisco, Calif.

Seman Collectors In "Litterals (and Hardys)" [Jenuary 1982], a topic headlined. One Upmartels p.Cup" describes. MEGS, or Mule Flactories. Gental Stimulator as uniquely appri for certain uses. This land of device being used at least 25 years ago by veterinarians. Its name is Floctic Discussions and it was used to collec-

> Was Bullar Brookshire, Tex

Here Come the UFOs UFO investigators have had a sice

buttlings should pick up once Terry Gudgel starts selling his fill ministed Insibes (Ariematter December 1981 Most interesting, especially since so

- many UFO investigators including Dr J Allian Hynek sell us that there are as many as 100 reports of UFO sightings por day Come April 25 and August 25 (give or take a week or fue), UFO sightings should reach peaks. According to Jeff Hejoti,
- author of the Aramatic arbole areas of the world likely to expensione good to received remounties; including abductions) will follow these rootes Across 40 degrees listade in Turkey. Otenee, tary Portunal, and Soon and
- across the U.S.-Canadian border and up toward Aleska. From 60 degrees labitude in the USSR and southward toward China, the UEO.
- portion or india and on to the southern by of the Arabian penensula. The first really good sighting is likely to be in Spain or Portugal.

Janina Leeds San Francisco, Calif

First Earth Notion

concept of a so called First Earth Battalia. [Continuum February 1862] seems to be notwing most than an also paramithery force. Such a vigilance group if allowed to purge the world of evil, would only become all autocomous ministectring force bert on imposing its own sons of morals on solvent. Bitter is 55 might overni ke Boy Smotou notween less than 50 millions.

Timothy Theophilakos Perth Ambox, N J **OO**

Chies

FORUM

to which the readers, editors, and

Notty Nostradamus Aside

able to work out the editor's name as an

I Recollections of Death: February 19821

Green Knights Chick

Waiter I Isecthour

copies of Circus Merch (982 issue This have pertarry appropriate for the father of

Tastelass Not Cute [Leurele (an I Hardye) - January 1982]

Postal Response In Fernant (February 1982) you engod a

1982] Moore writes. And after the Whicht

to the point where its creater power

Troubled Reader

I have set med Henry A. Berlhe's First Word (January 1962) and Hound the aracle

New England Nuclear Corporation

in the article "UPO Update (Antimaties November 1951] Alan J Hendry states in 1961 by Betty Hill onboard a landed

Furthermore if did not take us' seven

credibility of the map, we demolshed it

EARTH

By Pamela Wentraub

magine grants of hoe as big as a first, of Iono exaced trip to Mars, take just enough Martian wheat billowing in the breeze old breads into new superspection. At such pharmacouscal industry plans to make a of nonacidictive morphine. The Campbell mawatchers seeking food resources for

time. Today more than a quarter of the people on Earth suffer from mainutinton. Complicating matters; world populate:

shopping confers. And the scening cost of high threatering a worldwide famine from which we much never recover

could produce their own fertilizer they

Thanks to James Snepard, of Kansas State University the trst supervegetable to

Shepard a plant pathologist has apara nutritious, and resistant to every known

with committeed breeding - crossing the jackpot in Las Vegas. There you get the page if three chetties line up. But you

To improve tes odds. Shepard solution that removed the hard cell walls prolopiseds, mulsted 20 times more potatoes grown from them were drastically

prolopiants to deseases like the cleadly neturally -- had mutated so as to develop claned into groups of 50 and out wared in

Last summer Shepard grew 2 300



PNADENTE JAMADA

LIFE

offer more than they pears ago changes and a state of the homestown disapped assertions without a state homestown disapped associated with moorate rana CBAA experiments. I have for the tabuse of solation as when he have his control as well as the home however, they have have a state of the homestown of the homestown have been as the state of the homestown of the sheet wirkupping and its involvable last end preschool province as they, with the process in the province and provide and the sheet of the homestown of

perhaps too high.
Another lummary Erwan ChangalT allaw fan envenable attack on the brospherras a consequence of if-conceived garus spicing. My generated has been the tax or engage, under the leadership of the exact sciences in a destructive colonial.

has in will curse us for it.

Politico and followed stat Blade Member of Parkement Lea Abae warned about the incalculable Pazzada or Georgiwth domesday. "And Alfred Velucra, mayor of Carchidage, Massachisansa, wanger of Philip Handler president of the National Academy of Sourcess to inquies whether a thinking carriage oped centure."

allegedy soon in New Hampshire was a majorit this had escaped from a DNA libb. Why their are such chacs today so much less worred? Why are even those toologists who feet mend the allem new desperately hear to convice the general public that all is well? As the fledging sochrology move allem laboratory batch to large easile industrial production will.

and successful interest symposium had been considered in a successful interest for Medical Communications (CAMC) there is in float much cause to contribution with the many forces for contributions with the many forces for contributions of the many forces for course of the many forces for course forces for

candicate for the role of the Andromada strain. because it has been on enfectived by laboratory the that it can accuracy service in the human gut. Manchello oth inscribbiologists are preparing even share inscribiologists are preparing even share inscribiologists are preparing even share condicionate in the buckers of schools and the years. Socialismyces contensate whose safety according unblamsated other more than 40 years us in the food processing industry.

unbiamsted after more than 49 years in the food-processing industry. More resistanting this in the specified closure for fill fill all the runcions or generic registers at the National Inguisters of Health instead genes programs and the National Inguisters of Health instead genes for gold years come value in the Ood and the refered incur with the backstrain The sault. The microbos were noted inflowed in south the sault that the content of the process o

itself. In other words, a worst-case experiment, set up to show what might happened recombinant OMA work went smok, had a beingh outcome. Finally Dr. Stanley Cohen, at Stanford University Medical School in Osiforna.

Man-made monober. The lears defined:

that caused Ward. Crangelf and others such mines year oil after all to be salegared as new needoors of modern sources. Bacteria can incorporate trange DNA by using the same entyfillate methods in the flaguid pool by Cohen and Dr. Hebr Bayer once hought to be naticely unasting and potentially historical minestance. Of course contributing entyficial point of processing southeast may enter flaguid and contributing entering and minestance of the processing and confined only bit high-powered and confined only bit high-powered mixengrip (absolution).

unined y state of the property of the property

assemental water bring wich/10 yet
will outflied from grants and grantering
will outflied from grants and grantering
will outflied from grants and grantering
(if that they have been grant in grantering
grant commodal in a self outflied grantering
signal grantering
signal grantering
signal grantering
signal grantering
signal grantering
signal

These acres other important leasons or paying owners in the first selection of paying owners in the first selection of paying owners or week to describe the paying of week to the paying of the countries in the possible hazards attending in accessible reasons. The paying fived and other have selected the paying owners of selections of the paying owners of the paying owners of the paying owners of the paying owners owners or the paying owners owners owners as the paying owners owners owners the paying owners owners owners the paying the pa

ACTIVISI CELAT

SPACE

By Owen Davies

Inter biologists tell us is the me when life batters down to awart more confrictable seconds. But while been slumbered and crange crops feet a spore activate put of a bont of activity. Wrong the major developments this writer. • A pose croftward in the While House.

private space vertruit to date — an aber to send a profit-making research probe Hallby's Cornst, possibly launched from the space shuttle • Two leading pro-epaids organizations that is Synatry and the World Syrace

Federation decided by particroes

• Work standed on Spacowerk 82

• A private group hoping to search out and castalog asteroids, small mercral-soft chanks of matter in space; and offeran spaces to raise the additional \$700,000 are used for the standard or the standard o

quest to raise the additional \$700,000 required for the survey. The private Halley massion was the branchild of Barbara Honegger a Reagon Administration policy are legal aspecializing in apairs development, and Star Ken,

solved organization (NIXXI Moorpasis Assense Size 27 San Jose CN 65158). Their plan is to send a cameric carrying probe to fisially in Cornet to research is distribution in 1985. The profit would care in the control of the control

in table. No enang trees could easily coup the project is cost eightested 30 million. Half of that budget wou the mission itself—one third of will cuid cost NASA—and the rest wa for publicity. Bechnically the scheme just might is probe chosen for the size-to servi-

If would ceel NASA—and the feet mould go lor guideling. Sectionally the scheme just might work the grade classes for the sec is an warment, surray of the carbon leved to an England Operation Explained seeling England Operation Explained seelings proven in several Earth anothing resistant hights. The company has alleady shuded the sask or modifying one of dis satisfilities or a NASA appropried Hally Sample. federal budget cuts. Design changes assembly and testing would take slightly longer than these years sociating to Dr. Honald C. Maahl, manager of soi ende programs at RCAs astrode chronic department. That means the meson muget a firm go ahead this year.

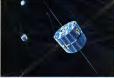
absolute mended to put arriver on the comet probe. Tophologicap the comets nucleus the continued peretrate a threat cust close it The sequence a dust sheld, wheth would issue the crist's weight slow the design and constitution and boost experies. Not, without the deciving phologicaphis the mission is scientific payd' would be severely limited. The sheld cannot be designed until the bigs.

casacter has better, a color or invariant question has not been resolved. The other rechnical problem is obidising a carena for the mission. Notice exists or developing one quickly could be a formatistic solishings. Any plans shand. The said would fall to Detail Nee not REA II seques a license approved in seques a license approved in his deposit about in regard public of his seques as less than the his seques as less than the his sequestion and any local to support

sequines a localineal provision not yet dismonstrated by this criganization which has appeal area in more juried to supply NASA projects threatened by studjet ou The prober data contensions on all additionable control by parameter modifications that cannot be planned un fre-correct a features are designed.

exchange the problem may be missed as space. Corregistion for most nor the affine page. Corregistion for most nor the affine page. Corregistion for most nor the affine bound MGKM to propries the such as bound for such a latercome as the light proble or a most quarker. However, the first the creft out of all to be found to the town when the bell a bootste or even the problem of the problem of the propriet. It from certain that any such strangers as the problem of the problem of the propriet of the problem of the

must tackle
Few space activists want to shoot down
a fellow anthus last's ideas in public but
grass-roots reaction to the Halley project.



revide measure to Mellay's Cornel would use an MCA secure also the driese, shown in Cardy on

THERAPY BY MAIL

By Anne Klein

magine how sturned I was, after spanding more than these years and \$20,000 on psychotherapy to come across a full-plage of may fatigate psychology magicane that promised to stantify my proteints and set me on the road to a happer life for just \$25.

seed to a happer life for just acc.
The going therapy lee fadly is
\$40—\$90 a vassers," the ad read, as if I
don't leave. "Nevertheless, our fee for the
enter program is only \$25. We believe that
the \$25 you aprint for your justices will
be the beginned beginn of your life."

In say. "We all have beliefs histoan in our minds which cause unitsoods any problems for use the promotion continued." This Soft-Help Theory Quantification and Congred to Judently and reveil your purticular Problem-Causing Sealth. Most people with ship is Used in Economic Sealth and the seal your purity of the Sealth Sealth and the Sealth Seal

This bounded by the control of the state of the control of the state of the control of the contr

If you sell ke most people who have taken the Ossistanners you I be amazin to discover what your Problem-Causing Beliefs are Sudderly pathams in your let that you had never quite teem before can come into focus. You can start to understand feelings are safes, and between characteristics and between characteristics that demayed.

yournthip peat." I studed the pricine of the two men who were ethicing to counsel me through the read. Whater Covender M.D. and Robert Fischer Ph. D. were respectable looking fellows. One had a mustbach the other had deeplos and a flow cut. Togethar the

sweep me por up a 22 man multiple-offices Self-Help Thorspy Causionnaire printed on the same page Lives to cools in (Viewer). Self-Semistrines). Mi (Most of the hine) or A (Always) in instruct to such questions as: Doyou thy to ficial other people by the way you self? Do you feel guty about outton thoughts or healings you have? Do you beel guty a thorse on the properties.

eeings of hopeless nates on a daily besse I had the sonse that my responses ould not be any more revealing of my writing or the knot on my palms.

Wher you have filled out and sent us your Questionnaire, we will estyled it to as inchandialized and confidential Analysis." the doctors belegaet, adding that there were more than a million possible.

Analysis that could result incleed, a little

Multiposition on that backs all are revenillated to the Color State of the Color State of

mso your daily life.
They oblend me a manay-back guarannee within ten days if I were not solely satisfied—comething my thoraps had never remainly suggested.

So I put tham to the set I gue a money order to 925 and had a wrous distilogue with impself as to whathar I always most the tank, sometimes or never fail adhamed of warning to be loved by other oned with tears and sobs when I felt said got down on impself when things at duiting the way I warned, and so on.

Soot tress case by return mail in an envelope maked Confidential my do envelope file for my attached allow of my self for my attached allowed organial of portage. In six or hend? you no instruction wheel and as yallow confidential prieted without of my Forbern Causang Behalf on the face and in New Behalf to enriese the old on the log olde.

Belief you most want to charge; the instructions reed. Take the cord with the belief on fluid post it in a picerman's place where you will see it were of the other the New Belief in fluiding you. Study your New Belief every day Pegpost of one and diver so that in begins to eith into your mind. Once in a will your fluiding to contract it with your fluiding Belief to contract it with your fluiding New Belief in the way you can ream of yourself of



By Gordon Mc Comb

ave you over wished you could making a temble mistake? Or fiction, you can write powels while you read

player a decisions will affect the story whether it can find a match. If, for tricitism all together, and then determine If, instead, the player inputs. Summon

rapeating its sampling process will computer acis as confident storyteller. referee, and sponskinsper to follow " Lafore says. "Every firm you

and couse and effect. One of Laforest most interactive stones, english Two Heads of the Con-Involves solving the wife. The reader/player takes the role of the "world's prostest detective and asks"

are expected to elect correct responses. By percing these answers together one should be able to solve the mystery of the The interactivity in these stones is now

somowhat tended." Latore says. "I believe role-playing will be restricted only by the memory space or data-handary

interactivity is considered unhealthy by a few a harmless tad by others, and a

James Milokovic, a graduate student California sees role-playing/interactivo

Companyor till a psychological need an namate that one gets hooked on them share with computers and role-nlaws or comes elerme menty psychologists. But it acceptance of and in fact the hunger

role playing pertainly is not new As remarkably it is however a science that

role-pleaned for many years. We have garries where we can simulate certain



SHOON ORCHESTRAS

THE ARTS

By Spider Robinson

of the ordinary consumer. The latest held Technology Inc. 105 Fifth Avenue, Garden

City NY 11040), came out with what is

cuite happy with them. Fully digital This year Digital Keyboards unveiled a

volume of the music as a pranist does available on only the most expensive

In addition, a Synergy musician can different voices that can be interchanged

Keyboard's biggest compattors, and it is California to mention but a few or in well

With a supheticated synthesizer at his couldn't even fartasize about 'CO



By Les Encson

and July in Houston. Tesse, as legitimetric project particular that was legitimetric particular than as legitimetric particular than as legitimetric particular than a second than a second to the second than a second than a second to the second than a sec

than Dr. Cooley. Threshold has a documentary leel to it thanks to the director of photography. Michel Braut, who shocks with minimal brightness is pools of light. Though coaption period by the photographic properties and slower packed than most commercial filters this power.

Sutherland Julif Cordobury, Mary Winningham and John Marriey (John a streightforward script by James State (Chewhalf Recul) in Threathce Addition of the Committee of the Commit

Di-Trionas Van i (Sundrard) a relaxed promission to such to disease in furniars, permission to such the disease in furniars, higher spiking and an artering to sowe the rife of a yearing wereaw who has a company to a yearing wereaw who has a company to a sundrard to sowe the rife of a yearing wereaw the has a window, and a sundrard to sowe the rife of t

The real-ties disagree and proportion to be artificial hearts Dr. Abbert Januk, a prefessor of surgery and boardgraining at the University of University Of New York (New York 1997). The second of the Proportion of the Proportion

alternative placets having visit of Sources. Lot accid me internative placets of Sources. Lot accid me internative is strategin rise. The working model coresists of And polyuratives pour polyuratives are polyuratives pour polyuratives. Source sources are specially services also removed and polyuratives yources are networked and substantial services also removed and and seaso characteristics are services. The services are services and polyuratives with polyuratives business that such and to their polyuratives business. The services are services and services servic

en i compresso de maria congres systems a termidate her membrane se in hart portiga social con compresso de la compresso de construcción de la compresso de la compresso de posicione del Compresso de la compresso de posicione del Compresso de la compresso del la compresso de la comp

to 100 pounds.

De William Devices drisp Liverenly
De William Devices drisp Liverenly
De William Devices drisp Liverenly
Devic



Sophisticated plumbing. Art impates life initiating art in artificial heart transplant firm

roll music fred all but peased to function as a wable vehicle for subversion and rebellion. These Birtain a world in the industrialized heartland of

Davo's immaculate conception a handy

Fall of Wastern Civilization as envisioned Kraftwerk, or Sen Francisco's Residents.

1978. And for most of 1980 they had a Top-

from Roy Orbison's classes: Pretty effects, to underpring mockery of the Date. wore 3-D plasses, walked robotically and Davo had been accepted by the masses

important sound of thirtex failing apert

ABC-TV x prime time documentary 7/te ome spicing industry corporate dollars

university research, labs saded, research years! So given all this perhaps if

fellow travelers. Our vision of the future. With the wager easthetic of popular music, we land to surface with the same

But the best example of a Devoid waren



By Jim Mastro

introduce startily through the ection agragation a prescript have shadows, their long thin talls undulating I slipped the headphones on as Mark

minor perhaps interwoven with complex beings melancholy haunting as apeless

In a way 6 a little of both. 'The rhythms, the first time I heart it is ago Ferguson. ography in La Jolta, California For

neighborno research building the

Physiological Research Laboratory when behavior cetterns of a species of kinds fest While Ferguson watched, an electrode turning up. he recells. "I was fascinated.

Suddenly I saw a perfect fusion systems provided the background for

his purpose although he found he had to design and construct his own electrodes

Insultweater efecting fair: those that writ the electrical signal as a waveform and those electrical organs in the tail produce a field waters in which they live Also alterations

medium of social communication good samming one another's signels their frequency up or down as much as 16 percent in the presence of other

says, you have to belance the fish. But undispovered electric fish species living enabled Ferguson to develop a workable



The fish are playing their own dydens. Terguson says. This music has no preferences. CNN

EXPLORATIONS

By Scott Cohen

abourd his 32 foot custom Provier Markin, in ten feet of water off Long Island, heading 90 nautical recorder -- an instrument that records: 2 02305 code in a white and there's a appears on the mechine before it goes blank again, then another and another Looking over the edge of the continents. the abysis off the shelf plunges much

unseen opean bofform, more rupped,

specisoular and mysterous than any

metamorphic rocks. Much of this sediment with carryons and gorges. Some were recoded and eduaral sicpos were

depths of the cas, it is unaffected by

There are more pagged mountains, more deeper canyons -- the most famous being the Hudson which is 180 miles long and full concentrated in this one area than produces the sensation of fravoling

one of the most treacherous bodies of currents mowing in many discusse and the weather is entremely unpredictable. place you don't want to be is on the

favorag places are the parisons. He fishes off the action of the shelf exclusively for experience on the shell than arryone else Widman because he goes gut in weather and opes out farther then prygne else, to carring back. But that a why he does it Living on the edge for him is the norm, not the exception Tearty-nine-year old Barta

The reason why you go out there " he says. besides for the Ishing and the unbelievable challenge of getting there



Provider at the select of the commented shelf is appearably and some beneath the Atlantic

Edited by Dick Tere

THEMALEPLL

Social age started with powering within its and high door to plan it be a with a power power to be a power power power to be a power pow

study the make reproductive system Historically reproductive study the make reproductive system Historically reproductive and the formation when so considerably one of both fertility and tainh control on woman. The arbitrals was Woman and pronair known do not Mary fermests claim that if the late of file were reverses; the men who cell they seen have controlled inseason and its prime strong secual have been less curvaling to temper and the prime strong secual have been less carried to the one of the security and make controlled some being promittel supply. The focus or a comprehensed that they was an both they was forced to my promittel supply.

about the action of main homeness, the process of sperm prodictions and the mortify of sperm.

And three was arbitrar problem. It was assist to develop a contraceptive for women' says off Wayve Bartin of the Propular ten Council in New York City. If it is number game it is one egg produced each month versus in where of sperms protoced continuously. You have tog this procedure to zero or ender the sperms that apretty market on symmetry.

What is required is an interesive research either Chris Metric Natural Natural

bit University in Nozinalis, Romesson monthly treated eight men with an arriang of Islamburgh bemore releasang homes (LHRH) instead of stimulating the production of sex homoreus as LHRH does the arriang passitionizely from them off. So the sperm popuritional register dispessed. That site good nexer. This base invex is that the arriang self-field is indiscriminate. It also beword to the control of the site of the control of the cont

It is many testingtions investigated and turnfold off fiver ask drive. That it is not to see whether these many testing the prefer lives not to see whether these many to be preferred. The use the enables as contracted we recommend to the preferred to the contract of the many testing the preferred to the contract of t

Ser years—I all gass well—to got the drag on the moved. Another persons contraceptive approxyce, a superlatine conmorphism of the service of the service

Alrend studies gave here control in Chrome Metrigs. Nov. Interaction, the control is settlement to design the control in the control interaction and the control interaction and seathern the control interaction and the

Officers there is no grantitize that man igner turnifiers will use a pill or submit to even a reversible water turnifiers will use a pill or submit to even a reversible water turnifier as there any guarantee that many reversible water turnifier when it command to confluentiate that may reverse will study them when it command to confluentiate that many a greater officer in thirth control. With toold prosessible having a greater officer in thirth control. With toold prosessible shading, excurating the selection of pilly the number a game can be went against all the confluence of CAROLA A OFFICAMENT.

BACTERIAL JEANS

SUPER ROACH REPELLENT

JLTIMATE DIET I

It you've been overweight you hive histel's one dreastye in his histel's one dreastye but too' proof method of reducing, earling less. Now that may change, thinks to the offers of chincal phase method of the chincal phase to this west by of likeces the lamportanity or likeces the lamportanity coasts the most market of the chincal phase are well as to botching all surplan of ingested bod particularly indebted or method or method

The dinks, which will come in floores like charry and piña collede, is made of liquocoschoos. The synthesis substitutes in the grant pine too and pelint their committee or and pelint their committee of t

second grain more second grain and second grain with a federation of New York City however. The concept of using a mechanical burner to interfere in the department and throughter system has posensed for senous herm. The dirties could assessly damage determined to technique and the says Morelows, it is a structured up to destine yet of the large of the large stremme pust how large it is destined to destine pust for large grain or and the large stremme pust fore large stremme pust foreign stremme pust forei

Monower it is althought to de termine just how long a might take for the cooling is with a suid the system. But Nazz claims its product is safe enough to be used these times a day along with supplements of vitamins A. B. and E. In fact, the is confident that the Food and Day Administration will approve the rings are in bond selection.

PASS GARTER ONLY THORSON DATE TO COST YOUR PROCESS AND PROCESS OF STREET ON THE SERVICE AS A COST OF COSTS COSTS

is right, the product may be said over the counter in sangle-dose containers that cost about as much as any soft drink. —Kathme Jason &

Lineverse contests are intensing now rest bill we start landing on other planets — Robert Orbero We should like to have some freeking genesses to never!

ave to fit into the patrein of oil or cooling and be able to select from sound thresholds to the select from sound thresholds from s

FIBEROPTIC GUITAR

The electric guitar was considered the ultimate rock and not infaturment during the 1960s, but now it may be replaced by a more contemporary model—the tiberoptic guitar. Invented by engineer.

oppo guitar invested by engineer qualitatist Georgie Boxiely of Dynamic Systems. Inc. in McLean Virginia the new guitar has transparent pias to stings with try lights at the end. As the guitarest sturns the lights the lating the length of the shings, activating sensors. samilar so, but purer than those produced by an o nairy whether guiter. The reason for liberop supernormy for fiberop supernormy for fiberop supernormy for the supernormy for the country of the supernorm for fiberop supernorm fiberophy fiberop supernorm fiberophy fiberoph

Little and the second s



Fibered guter for rook rousics

NATURAL ARTIFICIAL BREAST

Macy Morgan faced lamma malignant bre cancer or the prospec dateguing mastectors After a mastectorry

deliging measurement of the control of the control

areplanted a linker cheel he result a lotally regards richesi breas. The new process develped by Attents based pixelto surgeons Carl Hartlangd locks takes attending of he large blood vessel that we street the cheel has be-

pool by ventry during persengers Cell Furthering turned Schedand and Paul lack fabre action flags of a legge blood vessel that no through the chest for an obcompal respect Dr. Harding schedards. We simply op the action y from the obones up to the bosest sizes or say you would a garden see and ve move siden of boom not been siden of boom not been and fell along

with a! The new technique by tide a breast that looks and feets more rabual than anything proviously possible through surgery, and it has a fringe benefit Patients rockies a unitary butk Worgen says she is delighted with both counts. rique has been successfully used on more than 100 women — Phoebe Hobsch

On the whole then a prospects of power to pranter are not very of may be a oseful parks the energy abortage. I should parts my will re-

— Charles Gaton Daniel

If at first you don't succeed
ay, ny again if hen gais up
There is no use in Dong a

Hunter Mails driven forward by its dim apprehensive of color

Building BETTER EGGS
Broken eggs cost the

braken oggis cost im poultry industry million dollars each year. Builstainger eggshell is or means of combathig illoss, and researchers. University of lances in bens, have gotten the chalcers to to sest its

wind scientists Ted Odd of Real Hermann Have und that when hens din arbonated water they by against have thatour refa. Eggshells are made of feaum and carbon com-

Egginels are made of algorithms and carbon compounds. Unfastunately honors always have enough allower in their blood to release stong shalls. One season for this is that in hot



After a madecismy, a now broad can be invested by deriving it had a warnie's abdoman and transplanting it to her chied



weather hers keep ood parting The rand broathors

The capeation of carbon disorder posts implant in some of charmonal reaction that give blood proteins in negative change. The calcium with the shalarwish post the change bends to the plant and thus is uneveilable for shall proteins on the suit. Shoës are thin charky and very traig to Providing thefe with car-

Proximity facts with combinated diminity water the tescentives say, replanative the sation clause and increases the available suppliof colours in their blood. Accounting to Colour. There is a fine find between the point when an egg breaks and when it doesn't. "Draft, ing fizzy water less the hope—and their aggic hope—and their aggic—

-- Carol A Johnson

SUPERBANDAGE

network of capitlases in human body would wra



specin applying Themo-Aid to a patient is convent blood pro-

around the earth four times it is no wonder that we've we have a lot of opplaines and bleed. Now hereatdogsal John Africular of the University of Colorado has found a way around the position he has cleased Thromb And a bendage that dramatically accelerates though cutting and stone conflowed to the control of the conflowed the conflowed through the conflowed through a conflowed through and stone conflowed through the conflowed through th

within 30 seconds. Theorib Aud is a 2" x 3" gause paid estimated with own thrombin, a bloodciciting protein armiter to cin present in main. The thrombin converts a blood protein code of thringen in a july like auditaince known as fi-

incage will be ineffective inclusions the very test processor as in these larger vessels are in these larger vessels and the processor as a second of the processor as a coloring error. Lot of which the object the coloring error between the coloring error and processor as a coloring error and error err

for its own thesafe. The bandage be marketed input declars and indicate now pur form Applied Medi

TOASTED TERMITES

located fermion for elegallar crunchies ench lead fles? Whe a willingly choose su set grub, most of usenerty out handrach act lagments overy

It hagners away day a Food and Dung Administ was allowed up to 20 doctors by upon and 76 doctors by upon and 76 doctors by upon and 76 doctors by upon and 27 doctors by upon 27 doctors by up

th hexard
ranely want to
us people in
the world faci
ested termiles
for lineats for
a, steamed
legs are prized
to toasted
Assison Aris

oyee, snouts tailmeet, and stomache Gerawarsion to certain toods is detailed by custom and habit. Parliamager seconds. Many years as

and habits. Refinispinger sesents. Many insects are delicious and are higher in protein calonies, and fall than squivalent amounts of bod.

picon content of four and other processed tools could out the processed tools could be doubted with misch for those on resulting inno change in teste or appearance. Although the day Westermers dane on boate bead as poobatly remote, insects might play a significant misch might play a significant and content of the process of the proces

a just as sure a recipe for hard to have the right idea y years too soon as five are too little

—J R Flat

(*s a prty that to poyors

for it read science fiction

rmight know about the they re buying —Frederik Pob

SKILL DEBILL DING

TALLER

PARACHUTING



CHEMICAL SLEUTH

known substances that show helps researchers develop

- G C Lightenburg





vocasi attractant " Other at

of the raties icetieng -- the

GORILLA GENETICS

Occar a male config at the

a destructive gene will be

imagined that improvi could



SUPERSPERM If there is a faster spects

Alan Barr will build in or at oided to focus on that He's

Polytechnic Instruce, in Troy

He has been experiment

his computer. I'm analyzing

a flat head. Tike a pancake sperm carrying the X for oirl babass is a little producing Y sperm But might explain why statute

Although his work is pure measure Barrays I may



Ordar, A liberated pooks with polestical handups. Melanticately the Calu 12-G, is the result of his | gested several solutions

mating with his sease: Tone many cause of intent deaths. casts to help solve the prob-

Because t is difficult to

0



€One Viking photo (below) shows something resembling a column of steam 9

the Martan surface As an expenenced student of space irriggis I no ograzed the Irocks as nothing thore than radio-trainsmission air radio-trainsmission air radio-trainsmission air radio-trainsmission air radio-trainsmission airos technically known as line losses streaking across the potture. I soon forgot about whall had ween.

across the potters across the potters across the potter individual search and search across the potter individual search across the potter individual search across the facility of the potter individual search deviated peaks desired parts Centre Data Centre at the gooder Space Centre individual search across a familiar image, this same seven humaritate facers are up to ten the Mahtin and of the potter individual search across the potter individual search acro

simply HEAD At least new know this was not a hoex. Captivated by my discovery I wrote down the photo identification numbers and requested a

The phesopyaph had also inference on only collegation, complete scenes Groy Moleranz. We had done work for MASA had form I had handled and perceased advantage may be beauted to Earth, and Groy had worked on the prepara computer programs needed to familiar computer old and rope had been as the programs of the programs and they to improve the potamia and they to the programs of the programs as absorbed We planned to do the by using the original Weng data tages We knew the grade until the ord the data.

We were the gridor hurtible and the oldow on wheth it was led and we also had a promet in the prometer in the prometer

, o

positio of priture stimments across the photo. A positio is the smallest until of information descending by a spacecraft cambrial to a position of scending the position of the mage in one of 200 stades of gray formation of the stades of the

of give shaded to blatchey exposerred the properties of the properties of the By using the contrast stretch and by the girl some of the transmission end and contrast stretch and by the see girl a clearer politive. We then decide or enlarge the wide. Tack by using fagical correctors techniques instead or conventional photographic enlarge which groups of granty protographic trait proto had huge pixels with region significant and the properties significant stretch and the stretch and the properties the properties of the properties to the properties of the properties the properties of the properties th

which produce grainly photographs. The first photo had huge pusies with regiped edges. We disegned a sury to emotify the regiged edges by dwinding actin large pixel sittle into creative units. We call the poster sittle into creative units. We call the poster sittle into creative units. We call the poster sittle into creative units which feeled of the first resistance of the way the wheal feeded of the first resistance or core spopear (Re-statitures). (The accreamy in SPIT could allow stand for the sporting image). These was no first produced in the sporting image.)

menay some trook of light on the Marian is landscape David Chandler's book Life or is Mars quotes Dr. Gerald Sofien Weng is mage check as saying that a few hours able it book the first posbuse he episocrate of the another perture of the another perture of the another perture of the another perture of the sound And this second to the sound of the second of the first second of the Mannesipped of the

different from those the interferent manage of the sunight the obtained angle of inclination of the salelities or the unight of inclination of the salelities or the united at case offseent. After the got the data tape for the second photo we rain the mangel through one SPT process. What we found was that went will off the new less was observable tools in this of eight no.

object for Size was sid clearly vasified in seen opcounty on an old of sphring are opcounty on an old of sphring to the love images of the force and begin for popyl other relained behaviors of popular sopply other relained behaviors of popular sopply other relained behaviors of popular discounty of the popular seed of the social relation seed of the relation of a could not seed on the relation of the seed of popular seed of the popular seed on the popular seed of the seed of the popular seed of the seed of seed of the seed of seed seed of seed of seed of seed of seed of seed of seed of

About faceline formations can be found on faith and for plaus bit in 1th Fe face we are or fater was created by natural formation. But the natural faces found there on Earth are inventibly problem and not reasily as submissionable as the face soon on Mars II in a Notial view complete with biddenilly symmetry and armuning default filter objects was the next of natural formation. It notices nature is a highly reflexing to local so many or is highly reflexing to local.

WHY PEOPLE WHO DON'T JOIN BOOK CLUBS ARE JOINING QPB

Four reasons: Great books, Great uthors. Great say-OPB books are frequer editions in redcover sixes, dues, bly bound and printed on fine paper. But

hey cost up to 65% less than their hard You don't judge a book by its cover, so why pay for the



166. The Minds of Side Milliage Daniel Keyes Hardanover 315 ST QFB 848, 37,80 Q76 STSO QNS 9150 544 PHS The Dun't Work School M. Wolt, M.D. Chrosopher M. Colley and the Health Research Grosp Haddress SISQPB-38 91 Colory Printerior 125 QPBs 35. 105: Build Stor Own Farnkase Print Providing QPBs 57.55

Series Street Services Street Services Ioin now, Pick any 3 books or sets for

SI each-with no obligation to buy another book. 485 The Book of Laughter and Thomas Segar Herdaneer (1) 95 CFS 24, 96 95 432 Celebrotoss of Life

William December Editor
Herslauver SCHPS QPTb 59 50
163 The Aus of Figures Favoring
Special and County McColl
QPB: 51 66 651 Mrs. Harris, Class Tellus, Harrisman St. Pt CPRs. \$2,05 619 Late in Darwa's Universe Evolution and the Cosmos Rest Dates Kindsom SQ 95 QFB ELL \$4.95 645 Strate Series Chines and Terrest of Love (2 Vols.) 439 Woody Albu Sup Sub Ighns, Without Furthern Carring Even Of Wide. Bornell Whooly Alben Handarout SIS IS QPD Eds 840 99 Pain De Vere Knobser Six ROQFE En 54-52



514 Emmes's License, Nipri Colde Flactorer SDQF9 53-91

361, The New York Times Rook of Wine, New Schools Handwood, SH 65 GPS, 163-91

Informal Create to the Caphal e United Street E-1 Applicabilities Herstrover SIS 50 QPBs \$1.91

396. The Brend-X Anabology all Posters A Panaly Anabology (Burre Namos Eduard)

646 Letters A Novel, John Berth Herbower SN 93 QPDs 59 50

mactiones 3H SS QPE SEAS 177. Let's Cor The Guide on Budges Travel In the USA 1952 Travel In the Herman Student Agencies. Inc. Edited by Near S P Section. QPB-53.95

Hardcoven QPB Softcover \$32. From Bushers to Car House The State SO 95 QFS Ear 35 65

How They Do It John Culture QPS, 58-50 197, The Underdayd Mark Terror, No. 1 Educate Lawrence Sector OFR 38 93

11-6. The Unsbridged Nork Town Vid. 18. Solored by Lewment Tender OPB 56:95 Artes and Yorkook (1982) Hondoney 29 VS QPB: 34-95 464 Whench Ster Reder (The Statem) QFB: 5745 615 Brown's Discounted Phone 643 Dun & Sandawar's Chale of

Quality Peperback Book Clab, Inc., Middlenous, Pa. 17057. Piene critisi me in QPS and and the 3 shocks five intel below. Billine 13, planhoping and handline charges I andere are not required to buy souther book. You will send my OPS Roses (if my account a in pood sunding) for 6 months. If I have not beauth und gold for at least blook in even six-morch period. you may concel my membership. A dispring and handley change is added to each shipmen Indicate by number the

State Zip ow membership works Points. For each QPB-book You receive QPB Review

mar propers a new Main Selection, plus scores of 2. If you was a fee Made Selection do nothing it will calls if you want one or more

Berns backs for Borns

cover books. You pay only dispose and handling charge 4. Return privilege, If OFS mores the Main Selection

crade to our expense. 5 Cancellations. You may cancel membership at any name by mortfying QPS We

657 Who Killel Kern Silvool? Dred A Cook Harkovar SN 15 O7B St. 61 323 Buildey Walter Done I Hober Hartcown SS 95 QFB Mr \$6-95 121 Geidel, Earbry Bark An Emmal Colden Breal, Douglar R Holenday, QPD, \$745 15) The Lord of the Nings (1 Mile Board) (it R Toleron Starkover 535 95 QPB 5949)



FICTION

AND ALSO MUCH CATTLE

Now the word of the Lord comm to Anni the soo of Armina seying, Arise, go Anower But Jonato rose up to fice into 7.

BY CONNE WILL

Agured if the

and going lit by the sign of a fine bost and going lit by the sign of a world be an object to fine against little sign of a world be an order to fine against little sign of the paths of t

PAINTING BY DONALD ROLLER WILSON



look at the rickety computer and the antique introship speaking tubes told me it was a wonder will made it as for as Joppa in one place.

Computer coming works only when you can believe what the computer felle you than able that you'd be better off looking out the window Thee sent largy words... but a holographic screen is the next best thing provided you wight combody who can read it. I can just all clich? wester any

time telling the navigator I could.

The little navigator was beside himself with joy to think he wouldn't have to nevigate the Whale all by senself He fuddled with the computer easing my name from the neveroner let and hid mid the waste.

the passenger liet, and hid me till we wast safety out of crist. We almost didn't make it. Company interference again. A request for a bearing of

Shoel wash to this his the company went had swing draw but it asked the speech had seringed draw but it asked the speech had seringed draw but it asked the speech had seringed draw but it asked the speech was a final to the sp

through the ficke like this "Lishbowschim on the screen "And then we go straight for the mouth and Novo Lisbon Nothing to it. We is right here." I portfed at the dot that was us. Smooth in. "The beily of the Whale is words behind me said.

Hello Gabe." said.

The boss has been looking for you. The

son, Gabe said
"lean?"
"He really needs you for that job on
Nine-V."
"Not storested! We were in open apacit,
mathematic faith-ware. I out the screen on

noting for light-years I put the schen on suscessite and turned around. What are you doing here, Gabe? The company doisent have any jurisdiction on Novo Lisbon You know that. Will re not there yet. he said. The little

Four had disappeared probably hiding What do you know about the situation on him 47 Gabe asked. The company client to tell me anything. Tenswered Reussal And don't tell me the boss moves in mysterious ways But I talked to Himerida. If m not porte.

It had been gith before they sent Hoverdal. He was glunk, and he didn't have a whole lot of kind words for the Nines. They he skern, the had seal. "And they sank. They live in a pigsty of a city with their cable and the dist of the ages. What would id. Own."

they do with water? They sure as hell never wash.

The company's sending you to fix the desert look like they die maken with the sending you.

"You ve chiralists" have a seen a Type Nine Allen, Hayerdal asid. Their strong point and many manual descently if it meanness Nine-V used to be a Pour colony planet. They killed off all the Pours and myked in I guess they forgot to ask how to turn on the time.

fape.
They sounded like exceethearts. When I'd heard he bose wanted me instead of Howerdal on Nine-V I had immediately taken off for parts unknown.

"If be gled to review the student for you," Gate and "just in case you change your mind. There is no naturally occurring surface water on Nine! "The crity water is the original polary system. It's broken and the Nines can't for it." It was and in a spanishment of the company to the plumb-sentative of the company to the the plumb-

Soldiers appeared above the wall and took aim with something

that looked like a cross between a longbow and a bassoon it takes talent to come up with a killer like that 9

ing, we think there is a good chance we can get them under contract. Why didn't you cand Hayardal? We did. 'Gabe said' He heathfool then decided not to late they a bad sign.' They

decaded not to lie to me—a bad lagin. They silled him. They cut him aport with a lightsaw a decimeter at a time and fed him to their cattle. Then cattle and reminionum his added, as if that was supposed to check me up.

The Ninea live completely in one city, cattle and all. State wort on Nobody's cattle and all. State wort on Nobody's

cially cliebted and maintained by the Nines. The eagerst Pour colony was domed. The planet is black, noneroded scleared entusion. No tast. No vegetation except for a small wood east of the city possibly watered by a volcanto west." What makes you think they won't lead

What makes you thris they won't feel me to the cowe? Heyerdal were in too early. We told him and to attempt negotiations until they were completely out of water. Their caterins, will be empty in another two days. They if be ready to take by the time you got there. No, thanks, I don't have may design to take the time. bass doesn't just let them die of thrist? It doesn't look like they'd be missed much. Gabe genned. The company doesn't tellime as plans. I'm just a humble servent, like you, following orders. 'You may be following orders.' I seed

like you, following orders. I said "bu may be following orders," I said "I'm getting the hell out of here." The chummy approach wisin't going to work this arms, and Gabe know it. He

shrugged I don't know what the boals works with this Nines They's bough They're smart. They created an atmosphere for the planet out of less then this let They speak Revised Standard. How the hid would I know? They've got to have somehing to be able to build a colony out of soils.

rock and vacuum.
They didn't build it. They killed off som harmless httle Type Fours and look it over All of the Allens have fauto.
The Twent talk no much. The Fours can

The Twest talk soomuch The Fours can't resist women. I wouldn't exectly put them in the earny class with the Ninys. Why doesn't the boss justlet them dry up and blow every before they come out of that dry and blow care the Am?"

"Now won't in know the boss a plane, axis."

hm yourself
No thanks We re not exactly on speaking terms. You're still taking to him. You tell him. No deal. I im not going to Nine V.

him No deal liminot going to Nine V.
Tell him yourself. Gable said and walked out.

Ar hour later we came to a dead stop.
The Pour came buyshing in on his romantic.
Little laves early said, who we have discussed.

Were out of the Arm. It send. The company has no paradiction here in the Whale. Parely interpreted from the Whale. Parely interpreted from the Whale as the Four said. Company business These-week daily or the company to transfer us to another stip and leave this order on tool. He was wringing his hands, thinking about all those were and the full extend that it is not extend to another than the full extend that it is not extend to another than the full extend that it is not this which case as the company.

The weart any aneity transport it was aut the company a metrod of subjets the bereica lefe delivering ma. Well. Gabe occuring are to here? Welly deliver occur age me to here? Welly deliver dage must have been transing along the same lefe. He had not thrown overcoord All very collected. Ageings sail a management All very collected. Ageings sail a management to the same service of the same s

and a map inside the space suit. Just in case you change your mind. I wasn't porcularly worked. The Whise's a busy place Lots of liste automated Potuguese galeres fitting through and all the time in the world wouldn't make me change my mind about the Nines. You've the one who should change up and house the change of the control of the

biguese galeras filting through and all the time in the world would in make me change my mind about the Nines. You're the one who should change your mind boss. There is no way they re going to reperf their ent ways and agin a contract, and if they do they due to 9 shall not proces of the Amand feed to their cattle. If they die you within they won't have been said so not work.

remember Hayerdal? Nice guy Loyal They il never sign as they're completely out of weter," Hoverdal had said. "Marbegood mason I don't even know if they'd even do it to save their kids. Or their

Hawrital Well I wasn't going to be any where close I was catching the first galera

Three days later I was writing to settle for

the water run out boss. Make him feel a

to flag it down. I click t punch the destinapunched in Possible course? Novo Lis-

They lended me in the wood. Or when Nines hadnit run out of water yet, this little

for as I could see. The jagged leve was: sunt water pipes. I was going to rowhere in right. I took a transulation of Gate had given me I was a full day a walk

All note all night it was only a day's every step and I set out The texture. more and more like water pipes and by wain I warring off to the south, and then I

diameter and heavy as lead. I gould hardly SEMECHA DISTRICTED IN FOL HAW PRODUCED BY A SUPER HOPEROF







How to enjoy poetry

by James Dickey

January and Peter asked Sours Dickey Accord for his collection of traces. "Buck-

What is poetry? And why has it been around so lone? Many have assected that it was invented as a school subject, because you have to take escents on it. But that is not what poetry is or who it is still arrund. Ther's not what it feels like. either. When you really feel at, a new port of way happens, or an old nort is renewed, with surprise and delight at being what it is

Where poetry is coming from From the beginning men have known that words and things, words and actions, words and feelings. so together, and that they can go together in thousands of different ways, according to who is using them. Some ways go shallow, and some go deep-

Your connection with other The first thing to understand

about poetry is that it comes to you from outside you, in books or m words but that for it to live, something from within you must come to it and meet it and complete it. Your response with your own mand and body and memory and emotions gives the poem its ability to work its magner of you give to it, it will give to you and one plenty

When we read, don't let the noet write down to you, read up to him. Reach for him from your gut out, and the heart and muscles will come into it, too.

ways by different people who have Which sun? Whose stars? loved under it. lived with it, respond-The sun is new every day, the ed to it. Their lives are different from yours, but by means of the special ancient philosopher Heraclitus said. spell that poetry brings to the fact of The sun of poetry is new every day, too because it is seen in different the sun-everybody's sun; yours, too-

you can come into possession of many suns: as many as men and women have ever been able to unagine. Poetry makes positible the deepest kind of personal possession



there one reheave my sure of according to And sort the other way crossed.

brambles? Which river is most yours?

The poem's way of going Part of the spell of poetry is in the rhythm of language, used by poets who understand how powerful a factor rhythm can be, how compelling and unforgettable. Almost anything put into thythm and rhyme is more memorable than the same thing said in prose. Why rhis is, no one knows completely, though of things. in the biology by means of which we exist in the circulation of the blood that goes forth from the heart and comes back, and in the repetition of breathing. Croesus was a rich - rhythms and by images. Greek king, back in the south century

No Croenes has in the more you see, I was a poor laborer, and this such me

That is plain-spoken and definitive You believe it, and the rhyme below way believe it and keep it. Some things you'll find out

· Writing poetry is a lot like a concest with yourself, and if you like sports and sames and competitions of all kinels, you might like to try writing some. Why not? The possibilities of rhome are great. Some of the best fun is in making up your own limericks.

There's no reason you can't invent limericks about anything that comes to weer mind. No reason, Try it. The problem is to find three words that theme and fit into a

meaning. There was a young man from .. Where was he from? What .

Today, the printed word is more vital than ever. Now there is more need than over for all vof us to read better, write better, and communicate better

International Paper offers this series in the hope that, even in a small way, we can belo-If you'd like to share this article with others-students, friends,

employees, family-we'll gladly send you reprints. We've already sent out more than 6,000,000 at requests from people everywhere. Please write: "Power of the Printed Word," International Paper Company, Dept. 11X, P.O. Box 954, Madison Square Station, New York, NY 10010

INTERNATIONAL PAPER COMPANY We believe in the power of the printed word.

The most beautiful constellation in the winter sky is Orion, which ancient poets thought looked like a hunter, up there, moving across heaven with his doe Sirius. What is ung for? What does he mean? Who owns him, if anybody? The poet Aldous Huxley felt that he did, and so, in Aldous Huxley's urrayerse of personal emotion, he did.

Uto faces present the emblores of the ward into its hourt of house As a books, and all on men

Where to start

The beginning of your true encounter with poetry should be simple.

It should bepass all classrooms, all and libraries and go straight to the exist: to your body and nerves and way-a secret way that just maybe you don't know yet-to open wormelf as wide as you can and as deep as you can to the moment, the now of spear own existence and the endless mystery of it, and perhaps at the same time to one other thing that So is an ice cube-what more mister-

As for me I like the sun, the source of all living things, and on certain days very good-feeling, too. "Start with the sun," D.H. Lawrence said, "and everything will slowly. slowly happen," Good advice. And a lot ust happen What is more fascinating than a

rock, if you really feel it and look at it, or more interesting than a leaf? Horsex I mean insportion whales.

Oceans, I mean black sellow corn. Brookles and office rock day due to Go back and read this lise-it us quire a list. Mark Vim Donen's har!stem by stem. Slowly Let each of

these theres call up an image out of your own life. Think and feel. What most do you see? Which hopse? What field

of corn? What brambles are your situation was be in? How can these things fit into the languick form-a form everybody knows-so that the

rivenes "pay off," and give that sense of completion and inevitability that is so deliciously memorable that nothing clea is like it? How it goes with you poetry deepens, the more your expe-

The more your encounter with tience of your own life will deepen. and you will begin to see things by means of words and words by means

You will come to understand the world as it interacts with words, as it can be re-created by words, by

You'll understand that this condition is one charged with vital possibilities. You will pick up meaning more quickly-and you will create meaning, too, for yourself

Connections between things will extend for you in your thorn than never did before. They will shine with unexpectedness, wide-openness, and you will go toward them, on your own path. "Then ... " as Dante says,"... Then will your feet be filled with good desire." You will know this is happening the first time you say, of something you never would have noticed before, "Well, would you look at their Whold a thunk it?"

(Pune full of new light) "I thunk it!" Dicken If it is exchanged, when through in Carlo Sasker to be admissed to the ground or any way it through to but admissed to the ground or any way it through to cauting monit to see if smooth that through the cauting that the cauting that the cauting that the cauting that the cauting through the cauting that the cauting that the cauting that the cauting that the cauting the cauting that the cauting that cauting the c

lest not ventral clearly matted road to the object to the control there were were heading these, to the only waster or the plantal too bad, when then's be not of waith too by the time I got within sight of the city is concubed in the middle of the converging writes looking like in too gospital secondary when looking like in the possible of the converging when looking like in the square secondary the son the same coll tolke on the rest of the amount up to the rudy metall batter that must be some increased the converging to the rudy metall batter than must be up to immetall a starter than must be up to immetall a starter than must be up to immetall a starter than the converging the considerations before in the converging the control of the converging to the converging to the control of the converging to the converging t

sow it Cortie on boss, you sure you want those guys in this company? They remean they respond and they don't went small soo. Southers in black helmess appeared above the wall and one with something this ledwed those across between a longow and a homemade bassoon. Lightswer. You forgot weething. Gable it stake real siderto.

The solders took pile freed 1 want to the solders took pile freed 1. The solders took pile freed 1. The solders took pile freed 1 want to the solders 1 want t

The soldiers took sim. Great I wasn't even going to get as far as old Hayerdal. If you con't you'll de in there. Your cisterns are already dry. I was petiting no response at all from the

boyks pick big with title heavy stories; Comp on 1 sead. Told intology one geting threaty, and suddenly the glab begain to ceals upward filter less another going of spride are possed and with their homerisation of spride are possed at with their homerisation produced and the spring spring and all most come trom behind the operand gate almost except on the filter of the spring spring and spring and spring and spring and produced me the filter of the spring spring and spring s

rick have been lying about hem speaking.

"No sign I" he said, and the gate aimmed dambet, and and the gate aimmed down behindhem his a guilderne I jumped. He took two sieses toward me making a ween in the process. He don't seem to care the just kept downing tooking tooking the property of the post kept downing tooking the property of which is presented to the property of the present the property of the present side of the charget that had on hem serce! Iddn't know what they do good the on their globe.

Bin I your city worth sawing? I inquired lighting the urge to back up. What about your children, your cattle? You can't let then die offrest What about your crops? I

me. I had the feeling he could must here like the the vire and with as 15th concern. What about you vineyords? "Noticy! had sed a word about implyinds, but those vines had be good for sametting or the Nines would never have let them in."

to be good for something or the Nines would have have let them in I said. What about your women? Aren't they worth saving? I look one step backward and work sprawling over one of the wines.

wines
I put up is hand to ward him off, and he lasted over me his wide, dirty face scowling at me. "We ogn he said promotioning he word safety like a Southerner You wif?" I squalked toying to figure out what the magic word had been and exampled up to follow him to the gate.

this gene meno.

He stopped short at the gets and turned on me. He had flattened another of the wines and was standing on it. I showed the contract at him and furnished for something.

There was another gang of soldiers inside, all with their lightsaws pointed at me One big duy slood

One big guy stood in front of them. and the blast of foul air almost knocked me flat.

to write with. The gate creaked up behind him and hung there like a blade. He await ted the contract out of my hand and guited. Water now Paper then.

In hard of them, and the blast of bot air that come from both of the properties give a time. What is approach to be supported them wouldn't have been found to the properties give a time. What is approach to be the properties give a significant of the beginn servery to agree? It asked "date better onle have been yong stought hem spaces", because the support of the best better only the properties of the well above and I less this because the properties of the well above and I less that be the properties of the well above and I less that be the properties of the well above and I less that be presented to the well above and I less that be the properties of the well above and I less that be presented to the Well above and I less that the properties of the well above and I less that the present the properties of the well above and I less that the present the properties of the well above and I less that the present the pres

ing me firsk more than ever of burnous I publish up the less damaged and, the one that came from the day. Water was occup gettly from the inner side of the nick, but the lest of a was hollow. What i percent not it. I was surprised by a cool infling of an like a sweet breezo. I stood upon the less of I stood upon and brandeling of the contract.

at the soldiers. Drought and death to you all I shouled. Then I taunfed them "You want me than you'd better come and get me."

So Juneh went our of the city, and sat on the east side of the city till he might also what would become of the city. And the Land God prepared a wine and made of to come up over Jonah.

The wide back opened a little faster probably because I knew where I was going I televised wind side a guardful all the way back till it disappeared into the under brush. Then I found a place to alsee undolf arrether kned of wire with leaves bigger then my head that word thereaves my a lead of leatly action over me. The wire was shown

my head that was themselves my a land; of leady action over me. The wine was showing ing signs of lack of water. The leaves were saming brown at the adges, and the whole was had a british look to it. There was confunded white biossom, but whether it had a closed up for the night or for good. I could still ill ouride up under it and alse! if the alse of the set.

bloomed—with one enomicus Traval, shaped like an open tumpet and colored a delicate pink that rocketed from the gridden center. If stood away from its stem like a graceful held on a standor nock, definitely the profitact from I of seen lately.

Well good morning you preitly thing. I said.
Soud mahnin the flower said Mah names Kiki she chawed in the slow lazy speech I had noticed in the Nine who had

twe on Kifs
Hallo Kifs, I said My name's Tyson
Tyson, she said pronouncing it
"tateon" Ah keywamannamed Hayerdal

once. Do you know him?"
"You" I said. I wasn't about to go into details.

He taid me stones

Like what ik lik?

Lank the one stouthe hereto the Four
and the company man. They all went into a
ban togethah, and. Haylerdia had bad it
to her all night. He had said it to me between

vacabil assumbled life a filtry filte.

I learned forward as alto asked. Sealing life lives committing softmate has been depressed by the property of the prop

But the copied like the real firing. The contain of this tumber distingted blockom was the contain of this tumber distingted blockom was the contained blockom with the contained block with the contained blockom with the contained block what is farament vecal contained block like the first contained blockom with the contained block partity every time a west carrow of. Any the bound was contained block the bound was contained block the contained the contained block the contained language, ist alone Revised Standard. Let alone with a Southern accent. The herebe said. An got a girl on every post from heah to the end of the Arm, and the Four said. That a nother: Ahm minimal to swery girl from heah to.

Did Hayerdal teach you to speck? I asked interrupants her before she got to the punchline. She didn't asswer for a minute. His taught me new words.

suger me new words:
I almost said, Life what? Then I remembased the end of the story she of just been selling. But you knew how to talk before? I asked.
I locald hardly envision a Nine best over

her trimpet face teaching for the language, even though they had the same societ. It was more lasty that the fours who lived in the city had learned their flovesed Standard from New Georgians and

moved in Ah dan trimmentuh she said, and then added ingerwoodly. Whim hat very clevish tahson

"Iffinity you revery clever!" I caid "inever max a flower that could talk before. "On you know any statute. Illinition? situe alleved "Hayaccial told me such names stoness." Yeek, well. I wasn't going to tall her that hand of story, and the only one on my smoti going now was my advectures arroug the Nings. Them saids a falls between from the Nings. Them saids a falls between from the

I wondered when the Nines would start dying and if I d be able to smell the stanch - correction the new stench -- from here Do you. Tahson? Know any asoles?"

What had of acrose on you have view. Scores with recovery, and seed of across on the seed of across the seed of across of across on the seed of across of acros

Ahis thusy, Kie said. Would you like a dhirk? I offered feeling like an idet. Of course she'd like a dhirk. Those brown edges on her leaves aren I here for decoration. I went over to the carriese and drive a lidfal of water.

currises and cities a little of water I shouldn't have been taking about likes and swimming should like?

I look the mag own to hear, fike you'd take a dink to a little had. I oldn't know whee her roots were and I figured the probably equal to know eather The book way to find them would be to trace a lingure along her steen and follow if down to the ground but.

her stam looked terribly fragile* and I was alread I might, inadvertently fruit her in the process. I systalled her stam through the 66° Own.

huge leaves hill things got hopeleasily tan gled in the underbrash if could still see the placelike leaves though bushing frickly on the ground Littled tham up and socked the ground under them.

Then I had a drink myself and sat and
three toward the west accidence filtred to
the to put conveniently forget to pick me up when
Nine V was no more
What happened in the lake Tahstor?

Nine V was no more

What happened in the lake Tattson?
Kei said.

A fish seallowed him, and he was reverence again. I told her Than I felt ashames

"Maybe I said Lying to yourself Saying what you wish would happen. Saying what you wish was too. "Latik Hayerdal. Kilo said." He said he was gon to go water me! "Poor etd Hayerdal." Probably dropped.

here drunk and without the sense to steal a canteen making promises he couldn't

When I wake up, the vine had bloomed with one enormous flower, shaped like an ope trumpst and

colored a delicate pink, that radiated from the golden center.

hope to keep I frowned.

We laked Hayerosi. Kell said before 4. acould seek of some way to explain with the field seek of the field seek o

about to ask for feer she of sell me.
Tell me another story sixe said.
You ball Kille. And you lister, too. boss.
This is a story with a lesson.
Once upon a time thisle was a flower, I said. Like you. Her name was Kikli. She wasn't very others but she was very pretty, and she had a kind vipin, and as wast distance.

control by a large. Now the large was a good large bothle had conser true for the wood. I was starting lotted steepy! wondered it files steep; it shall was what after had been during when I farst saw has her potal's tightly white I is avoided in after I had been during white I shall be the potal shall be that it will be a sound say. Good maint believed and go to good be selected to the place and of the potal had down on the place will be the proof the place when the proof to the place when the proof to the place when the proof to the place when the place is the place when the place the proof to shall be the proof to the place will be the place when the place the place when the place when the place the

good. I kept trying to make a face where there was no half of one.

there was no hint of one.

That's genetically encoded, boss You put if here I is het one of your in his image in uniform the many manager in the strength of t

Names but you're o'windowng the deviate book Noute right here. This what you was should here it was a fact that should here dragged the at that way to save. So what if who can save har in your onew Purvis, She at the criy thing here wor'h nascurag.

d in Now there were people who warfald the intide wood—drifty thewaren, mardering ay people but the laring said. They are particing my datus pulses I must give them whateve they want."

may learn. Kitz edir not speak. Pemape she had falk anakap a that sill Perhape she had kitalgoden and I had oldy figninated myself into bearing her That and oldy figninated myself into bearing her That with banding in the such a peed and turnin vocal and becould have bagin as far divided and selfcould have bagin as far divided and the learning of the self-out could she where me Them was no goden apparatus for heaving weakher that I could see

Parhaps she was a sleep-inducing flower instead. like a poppy and I had only disamed her. Tahson, she said. Tahson. What? I lead.

larces the black rock making converging free of duety light. Conserging lines is there is lession in that too, boss? No man is an island. All roads lend to Nine V hou can do better than that Where wisi I? I said.

So the king saud, Ah need the Nines for Ah have great plans, and he proposed to destroy the wood and build them a great oilly. Kell recibed The wastering had done Kell good She was a delegan prik. Almost ross, and her patals who opened wider to that the humbel lay almost fist. That as there are delegated her position.

But as the left good such furth cashed, is said, he became foot in the wood, and right fell so that he could not find this will be look steelers would the fixed and she spoke to firm and conforced him broad and she spoke to firm and conforced him broad sould stropping you than all the good firms with World. And he sould all done that no one good harm the wood of sitything in it.

if stary and loteamed livertice him Victum on the water. They strock my hard and of heared when I lead thought open of the state of the strock my hard strock my hard to a dark note and three me if I landed on Kilo. How did you get here?

I landed on Kilo. How did you get here?

Ah carre after you she said I got up and paced cut the narrow hole. The floor was deep in lithy straw.



A packet of pills a day makes the difference between



DR.C.'S VITAMIN ELIXIRS

BY KATHLEEN STEIN

We described the property of the control of the con

We lend to be seen Colgan about the Administers of general Hills steel is a week away from the research Hill pictuality do if 40 on the headers as week away from the research Hill pictuality do if 40 on time forever we were more steptical. That is before we carrie to evide the history of nazimon in twenties the substitution of the seed of the seed of the history and affectly take in which the more we carried to the best must have to get in affectly take in which the more wedness is one to the best must have the get in the second must have the second must have the general the second must have the get must have the general the get in the general the genera De Colgania bacherncally outstreamed stain and minaster and begain to begain and minaster to begain to leaf instances of Amsonome storages to be a situation of Amsonome storages of Section 1997. The size of Section 1997 is also all attrapting to relate number into an exact societies with all and size attrapting to select a societies with all and an exact societies of the size of the size

also before we ourselves were suited into

outher or towns into the system stock makes and the developed ownted how undergone alluge sidesy wouldbe fore undergone alluge sidesy wouldbe fore undergone alluge sidesy wouldgrowing said-sitesting network. This issuessor is stratastictions or which says how them which are not a monotime. Holly infegurate of makes are sides and the sides of notices are sides and the sides of notices are sides and the sides of notices are sides of sides of the sides of sides of the sides of sides of the sides of supports and supports an

adorción modern filocóción filo mode filosoficios de la companio de la companio de tentre del modern moderno de companio de tentre del moderno del companio de del companio del companio del companio de poderno se del companio del companio del poderno se del companio del companio del poderno del companio del companio del poderno del companio del companio del del companio del companio del poderno poderno del poderno poderno del poderno poderno del poderno del poderno del poderno del poderno dela poderno del poderno del poderno del poderno del poderno de

is librarily in the lace of those entonic disperceive discossis because "file unduly name in focus, too effected and testided in acconsistential of socialises and testided in a consideration of clouds and connections." In sept part the side of the "epidemic," Colgan cells for a new order—To have the size of medicine lawy from closers diseased in high the lower preventive medicine, lossed for the part of the size of the consideration of the concident of interest medicine, which is set

not working enymore." Colgan predicts that within 25 years there will be a significant shift logend outcombalance health case which will marke "selfamely simple morpulations a person can do tomantain his own

Districts a person can do tominarizants use to body.

Displan views its own viranmandorder management progress as such a of similar supplements of the convect display does of minimari supplements for exempting does of minimari supplements for the convect display does not be a supplement of the convect display does not be convected to the convected of the

revisible next.
Although the dallivas being considered a biological curronly. Colgan is an excellent advisiblement for the own system. He claims that believe the developed the impplement program and started following it seekings as any this clinchedinal har was owing days with the got the quarter colds and faul I goes 51 West of no more than swir age.

The history
of nutrition in industrialized
societies reads
like a black-humor atrooty

people are actually starving to death as they wallow in far*

heelth nerweight lared and aging, he says Todge he has the stakes like of an artistic and can one meles abunded and meles abunded and meles abunded and meles abunded and can be abunded as a series and a series and a series and a series and a series abunded as a push out in over could by finding as a push out in over could be abunded as a push out in over could be abunded as a push out in over could be abunded as a push of the last asset years. And is extragged from an occupied sideopt, which we have could will be last said to be abunded as a push of the series and a seri

The urgency of Colgetis images—and it can be called that—at most clearly understood against the backshop of nutritions statistics that deed nor attempt to "ose right and stay health." Here's a small samping (order by Beasiny Colgen and U.S. government sources).

adult eventy-five has not changed for more than 30 years.

In 1973 the Office of Technology Asassement (OTA) extraored that 70 percent of deaths were charged by describes infect to dest, including high levels of fall super.

 and passes of men Butween the agos of y agifteen and twenty-two killed in World le War I shawed no signs of attendactivous, the world of agree of attendactivous, the according to the Journal of the American in Bedool Association in suppose of American tion and the according to the American find a solitor who did not have atheroscileton classes.
 Sour 2017 from him Franch that the War Source 2017 from him Franch that

 Since 1980 free his been a truge risk in the number of children with brain damage hyperactivity, and learning disabilities.
 Today orientation of vierry think stafford.
 In 1990 10 percent of U.S. flood with table properties of U.S. flood with table properties.
 Significant of the percent of our loods were processed.
 The amount of soil in thome vendobles.

etables

• The use of lood coloning increased KGs personn between 1849 and 1978.

• A "Geograp" Itaat dood meal—burget rask spike, french Ines—contains 25 or homeous address 25 or which in fairly amal amounts are known to be toke.

• Fifty personn of an average Personal is total cultime make comes in the torn of empty coloring and the torn of empty coloring—coloring spikes.

 An average American consumer nine pounds of additives amountly.
 The OTA states conservatively that 30 percent of American men and 40 percent of the women between the ages of Innity and turry mine are overwight. Twintly percent are by definition obeas.
 The U.S. Recommended Dark Alma-

arroe (RDA) of vitarm A for page is 200 percent greater than it is for furning, for does 300 percent greater than it is for furning, for does 300 percent of tester of the U.S. government studies found that 60 percent of future sarriplad who does used a "good mixed due to based on U.S. RDAs, showed claimed symptotics of mal-matritism, reservings of progress load.

Because of the reduced need to cheering referred tooks lower the amount of sales produced and the entire metabolic processing and absorbing of nutrents are thintoby reduced.
 Our borders, streams before malificularities.

Our bodies, steady bring mili routeriols and progressionly and service interneously being potential, service in the control of the control of

So it might seem that everyone in the Western World needs to be on a warn? FICTION

WHEN AULD'S ACQUAINTANCE IS FORGOT

For some people, the horrors of the past are not easily laid to rest BY HARLAN ELLISON

and is a foodered contention of the contention o

is that what you want let. Juy? In give it in the most serfous kind of knobble?

He was palle and thin holding his obegind hands in his lap subbing one thumb over the other bit the skin was now. He eyes had disparation benthing in them. No no of course not I just thought. She wasted

Taut thought his empth to some say you could wail an exception 1972 cope I need to have one as you have get not of this one less pretty seaff among they have no get not of this one less pretty seaff among they was associated in Italia I you say to food or in the requisitoris maybe you of this disort less grained as with the contract your fact the stop by a this said of the monitorial your fact the size of the same of the monitorial your fact the size of the same of the monitorial your fact the size of the same of the size of the size of the size of the same of the size of the

He straightened in the formfit and his voice went cold. Lady, I'm about as miserable as a human PAINTING BY COTTERIED HELNIWEIN



being can be I've got a head full of skiff that makes soc with spacers and other small, tury things seem like a happy altonative and it don't need you to make me feel like a tool."

He stood up. The sorry I asked you to do something you can't do I get hope you don't come to where I am some day and read someone to help. She started to reply but he was already walling toward the ins. As it distant. he

turned to look at her once more. You don't look anything like her I was wrong. Then he was gone. If look her sometime to unravelithe mean-

The life immive the long see and the case central spotted Aust as he left he Amony Bont He had been stilling on a bench in the mail septing all a bulk of Paraphore Bouk watching the Bons He recognized Austrian (the Bons He anactary increasor bot and slowled him When Jerry Austrian (the Bons He watch and the Bons He watch and the Bons He watch the Bons He watch and the Bons He watch the Bons He watch the Bons He watch the Bons He Bon

mey say its in gate weight the accept use an part less gate if the letter man said not looking at Auld.
Jerty looked down at him aware of him for the fest time. That as if interesting.
You look to me. The table man said in the same tone of violey the had used to comment on the Ford pole, could light. (No a section of the him to the fest pole of the fest pole of

Jerry's eyes narrowed. Something I can do by you chain?
The 163 man strugged and acted non-chalant. Forms? Hell no I'm luzz the and filly friend. What I thought I might be able to do comething unpost for you.

Like get you so a clean precise Bank that could leach oil some bed steins."
Jerry looked assund. The shouldorn getters were busy with live customers. He turned to sace the little man.

ers were busy with live customers. He turned to sace the little man. Why me? The little man snifed. See you hobble out of the Franchise Bank in the mail. Not looked morely thend. Mighty rooky Camera,

freightload of old movies in your skull guied they turned you down for one reain or another fregured you could use a anothy steer.

has the date the hamilian bearing. First stop. These had been the Memory Bork in the Corporate lower and the Bork in the Longster Shopping Center and the Bork at Mount Sine. They had all turned him down and-hom recent articles he'd read on booking memory operations; he'd read on booking memory operations; he'd.

skiff suspected that maintaining everable image their would put the sheeters on to fem harthe 'You got a name chust?' To 1 oots have a name?

Just in case I go around a dark commer to do with you and got a say uponde my head I i you want to be able to remember a tag to go yand with the fice!

The lettle main crimned nashity "Be

The little man granted nastily "Bo member the nose My friends call me Proceitio"

Let's goisce the man. Jany Auld said. Woman. Photochio sead. Woman. Jany Auld said. Let's go see the woman. The booting Bank was on an an-oushion.

The booting Bank was on an an-oushron yaitht anchored beyond the teelha-mile limit They reached it using hoverpaks and by the tiffelithe abung lights of the vessel manufacious set of the mint. It was until They and down on the forecastic and

and by the time straing lights of the wessel manifected oil of the mist. It was right. They put down on the tonecaste pad and raised there units. Photopholisept up-a line of useless chapter intended to allay. Auld's fears. It served to draw him up.

> €The little man with the long nose and the cense caftan spotted Auld as he left the Marrory Bank

. Memory Bank
He recognized Auld's
distressed look
at once and followed him ?

ighter than held been before the little man had braced him.
Jerry saw guards with weapons on the tying bridge.
Bracothic caught his glance and said.

"Sure
Physician didn't move Jerry each Are
we doing something has or just taking the
right air? He didn't like being under the

right or? He didn't like being under the guns.
Riccoho kapt his eyes on the flying bridge as he said. They're making us in-porting It I only be a minute.
What kind of trouble do these pecols.

Headware cometimes. You know prestees The market's levelyinght now. Also or jookeying for territory getting good product to push. One of the amend guestle motioned with his weepon, and Procedule.

They went belowdedor. The yacht was handsomely appointed. Flocked-weiver welpoper in the companionways bunished metall belowerers, thick corpets. Procoche knocked at an inlad task door. The door was opened by an unexceptionlocking woman. She smiled, pilo forms at walked back into the cabin, permitting ald and the lidle men to enter. The norm was a spacious selfon, fitted the walls with the memory-leaching de-

wices Auro recognized from his many mps to legitimate Banks in the city.

"Ma Keagh I dilive so moduce Mr Jarry Auro Machimin the city stought we could do a little business.

She waved him to signore. Do you have

She waved herr to stence. Do you have your own transportation. Mr. Auld? Or did you come with Mr. Turnach? Auld said. I have my own pak.

Thenyou can go Mr Timach: she raid to the little man. Stop by the office and get a check.

Obsequeous Pinocchic bobbed his.

Obsequeus Pinocchio bobbed his heed and smiled appoologie all Jany Than. sans toralook tugging, he bowed himself out of the saloon Ms. Keogh waved at a lornfit Jany sat down.

y How close are you to maximum deple bon? she said He decided not to fence. He was in too much pain. They were both here to free

much pain. They were both here for the series thing. I may the limit. She walked accurd the salbon thinking. Theirishe came and sat down beside hims he other formit. Through the open pertide. Auld heard the impuriful sound of something calling to for mite process the

might water. Let mail to the account to remaph water. Let mail they a several things who said.

I want to got not ot some bad stans. Auto said. I know what I need to know. She reased a hand to alence him. Prot ably. Nonetheless. This is not a bucket.

ably Nonetheless. This is not a bucket shop Boolleg yee, but not a creath-andbum operation. He indicated he of laten. The indicated he of laten. The holographic memory model posbuildes that a memory is stored in a marriar.

special state but stored as over the chain to remove one certain memory it is a shedys necessary to break molecules of mychin all over the brain — from the denoisty packed myelin of the comput callbourn—. The white matter, Auld said. She nod.

The wine mater Auld said She nod ded Tive heard all this before —born the white matter right down the spiral cord perhaps even down into the

Now tall me about the week point in the long chain might molecule. The All link fall me how early the molecule breaks there. The point at which muscular dystophy and other neurodesprenative diseases strack the molecule. Tall me how in might become a head of lettuce of 1 go posit the max. I've heard if all before. I'm suc-

she annoyed lady
she looked at him with resignation. We don't just anyone and we don't let she bad enough eer a outside the law. I don't want anyone it let on my hands. Your

He stood up let's get this over

(2 1962 by 73e Kelmanyaro Corporation 74 OMNI PROFILE

Robert Redford gets a rude swakening to the politics of anyironmentalism

hen no a symbol. Rose Rachot days. They made a dummy with a bloom of the companion of the country with a bloom of the country. Which, cheared when they boasted the dummy up and set on the Conspectation of the conspectation of the high control of the conspectation of the high control of the conspectation of the high companion of the conspectation of the high control of the conspectation of the high control of the conspectation of the high control of the conspectation of the conspectation

the core it was not a firm. The burning Apoli 1976 want't the wast of it. Reddood soot recently the about of it. Reddood soot recently the about on it. Reddood soot recently the about on a first the size, South had was notify upsetting was that my own particular vew hauf become so de-torted by pooples a needs. Out of the about of the expension Reddood draw renewed determination to highli any attempts cach thin health (in bight any attempts cach thin in health (in bight any distinction of the min most apid topped during) that is not marked with the solid during that is not marked with the solid during that is not marked with the solid course.

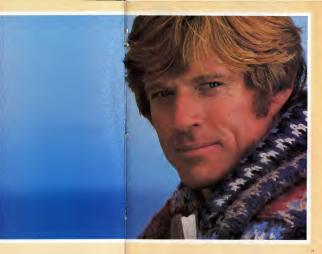
durriny. That is one nusion with the soften gives introviewe.

"You seem too merry accounts of what in ordinary accounts of what lend of a throse I was wearing, what color my boots were, whether my defens were hand-dolled or rest, and how set I was and now big I was, or whatever my hand was seen you could not my sooth were winds. — Be date to district what was a seen of the s

PHOTOGRAPH BY DOUGLAS KIRKLAND

SUNDANCE TO A DIFFERENT DRUMMER

BY GORDON F SANDER



of this quosit was nothing less than the entablishment of a retential Academy for Natural Resources, a sort of American description of the Environment. For educating government employees in how to manage natural resources—perhaps training some of those with note but held burned their in editing or others who might have warried to Reducel, concluded the quest, his supersidency, and the expectations in a set of management with Control in Subtractions.

recorded—porthage training some of orders with might have arrived to the first some of the course. Which is considered to course and of the course of the course and of measures with Amore the Culture Pages. Hy workpurse conformals the purlect region of the Amore to the Course of the Amore the Course to improve the Amore to the Course to the Course of the Amore to the Course of the Course to the Course of the Course the Course the Course of the Course the Course of the Course the Course of the Course the Course the Course of the Course the Course

Facup Redirect ones on the opposite suscept the various of the country of the cou

These teachers in the should be devisited because I story the last that ear is a few subcriteral society. We set und new garrier of the story of the

If was afraid that we were at a place where we were no longer, going to be inheriting life from our fathers, but we were going to be borrowing if from our childran 5

ing the Southern Carlomas Econol Company and that is work own that he have many and that is work own that he have many and that is work on the hard blade of the state of the southern and the property and the

For Restord—who had already been active in other environmental controverses around the country though none to doze to home—it was Power-plant partners mounted an expense campaign to try to show that it wasn't. The Southern Celforan Edward Company was being 81 hours again and company and the service of the part of the company and the comp

These was more. They were going to make that nescures pollute that has thermopolities that were and consume that more to california, and going our fourteen hundred square miles of land for transmission links in doing so And I seed that as not ignit.

And—sale backing stone—Rection said it to 60 Minutes. I said it limit you ought tools at this himselve in expectation of some things have. Oblig producers grouped at the case of the case

County
Is the end it wien I Robert Redford who
kind the plant Parties or pled out in April
59-16 publicly artibularly the cannolation
Fishing publicly artibularly the cannolation
causes Arrang other problems, the cart
occusions Arrang other problems, the cart
occusions arrang other problems, the cart
occusions arrang make publicly are
selecting the years of planting, and as
feeting the years of planting, and as
electing was warrang makenally but some
of the people of Asia County fourned the
discious not to be go there on Redford and
if was unfortunate and unlast. People
If we will reflect under and unlast. People
If you will you wi

them frae what a releasing in all of this is education. What's missing is neel leaderstep, real information — some mechanism that he years ago vecud have both able to neally look at that, ride to or a plant and analyze it, and come away saying. If openit make any serial, we don't have to



A DANCER'S SECRET WORLDS







in The Last Resort (left) Taylor justaposes a dicoying plantation with a mountain bestpround, impotestate team for the South, says the Messespean Manacing geigottrialda (above) are Scyle and Charyboas



Toylor creates altered sessions in 7the Gastelo (above) where it is silveys summer mode, and in Lass Gaverier (appl), where is green works in micronic browsing in a venial wood — mysterials all dappind light and state.





Attacked for his controversal wews of behavior, an event-garde anthropologist argues that humans separate brology from society at their own peril

INTERVIEW

In a first of the Area shade Preference (Joseph Reyer, sheer I menut to protect the present the present the present the Area of the present the present the Area of the Section of the Sec



The industrial system is just ten generations old. It's still exotic. When we look to the roots of Amenca, we see a little town with a church and bowling alley. Not a whizzing computer plant 9

and numerous articles cover a broad spectrum of subjects his underlying messagest. To clier: Lack to biology to unlock the alcoholic of human behavior and carkization. Co. My test portical with Professor Tiger took.

My first contact with Professor Tiger floats place over the biochone, when on a perviews assignment for Chen, I sought he houghts on the received spanned of ado leases the male secretary and the contact of the contact of tool decor and seate from that good tools, consenting pages and per the tiger than persecting seate on the tiger than contact to the contact of the contact they do it, he seed to make their tenths secretars seat or the second sable motions Manhatan sett flaping our time that the contact wide ranging conversation on my own turn-

tend pound box.

The state of t

whate Paugins and opinions have more increded then somether him suit the office of the impassal Avismal done there is considered that the office of the impassal Avismal done there is considered to the opinion of the opinion opinion of the opinion opinion opinion opinion of the opinion o

Performs Tiper commit book project the daily of the woll-theoreth or prefetably some industrial system—pitamises to be both engressing and continuential With our planstreaking under the-blows climitude in policion incident continuitation and semiler busilities committed in the same oil committee and prifit perhaps those Tiper can teach to those to have been tiper can teach to those to have been seen and strength or create is cause, these work pather than

Orest You are a protessor of enthropology a copinnopal investigator in social biology and an ethologist with a Ph D in political socialogy and you love zoology

What does that make you? Tigar. I become intensited in

Compared to the first tradeous and control to the regulated of human behavior. I do not the regulated of human behavior is often the control to the regulated of human behavior. I do not not to the control to the cont

errors, Stot alcolade to take a creak life in which hashed that the to wait backopy only at the time and the country of only at the time and the country of only at the time was effective, which a the study of the succession private of between the time and the country of the cover-hand in any register of succession of the country of the bandes in its book The Rear of Succession of And and explanation of the country of the country of the country of the country of and the succession of the country of the country of the country of the succession of country of the country of the succession of country of the country of the succession of country on the country of the succession of the country of the country of the succession of the country of the country of the succession of the country of the country of the succession of the country of the country of the succession of the country of the country of the succession of the country of the country of the country of the succession of the succession of the country of the country of the succession of the succession of the country of the succession of the succession of the succession of the country of the succession of the succession of the succession of the country of the succession of the succession of the succession of the country of the succession of the succession of the succession of the country of the succession of the succession of the succession of the country of the succession of th

So I found myself indestated in charge there who was stand witching light making and interning to birds windship and pinmass bellowing and this sort of timig which is a whole new standard pin on countain life is seemed to me at very real one and one there is a social coornist. The seemed to me a very real one and one there is a social coornist. I will be a social coornist in social standards where I we found them Comer. Where is that I was found them.

Tiger Well from whichever untitled is the historing this beleaser if think there are not ten similarities in behavioral return that an are seast metaphonolity companishe to elso ments of human secasi believer—just as physiologically we can learn a lot about humans by looking at the misdies of chill humans by looking at the misdies of chill.

New obscoonly there are entirely as insertings between humans and other orimath, but these was proceed different math, but these was proceed offerent what's compensate and smiler. There shi measure much interesting work to be define on the whole question of furnish Tollogy. We my just beginning to get to this issue. Clerkf. Lib you then't there has to be an a whole my as the process of the compensation of the com

Tiger: One of the advantages I had, as a sociology student, was that I actually learned about social structure as a

pheromenon. And I found that very useful and Aremai C runs away but they usually able to bring something to the study of animal behavior that was a legismate

The situation now, I think is one in which we rather desperately need to red brevens Riven semantically its abound is the social one can at it ow, a degree in sociology from

small-minded. the emissions affect cognition and so on I

suspect that were going to have to begin Oresi. In your academic cases: have you Tiper Ch yes I thrik partly because I hannened to be on a controversel subject in my first book (Men in Smups) But I

believe the controversy was really not thenk that was a screen. In fact, I think the great interest in feminism in the Seventier cov is not deathy-which clearly if it So yes, it's been a very controversely

complicated shinal you have to assume

Moral Majority cliaming that we've never had anything to do with other animals. So a I think it is hypical of a kind of thought less emeronmentalism. A failure to understand the almost tragic nature of biological desbut I hape they have reasouring thoughts

Tener Well you know my last book ICO proson The Builday of Hispa] dealt with the

bri of help because surps we do have this creat opprive apparatus we see too ary premium offered to people who said. that's worked fine up unal now However

their the ecology movement has made of male for indeed the human species in

Omnii Given the advances in science that inner to on for a start, and a longer period age of fifty or sixty in addition. I think that tally necessaring as in the Tim all right

Ornal. You say that opposit in actually a



Tiger: When I started this book I are-

cruse it gets externalized in the form of ters. And if the endorphins aren't responable for potreym per so then thru one

Greek. If undered these endorohins are the

Tigar The endorphine are being expenmented with and many drug companies lem with most drugs, which is that they

sense were addicted to ourselves. The been demonstrated for serotoren levels endorphins or tranquilizers or a contraceptive-which is a very powerful behavioral modifier - you must look at the

At that level again - I think the biological on their own to understand the nature of Ores. You are gusted as slaving that it is

Tiger. There is no doubt that awang other

the impact of low birth intesis a very official soue. We're now below a suplanament birth 1 88 per couple. Every woman must have

a certain amount of what went on in the



SCOTCHT CASSETTES, THE TRUTH COMES OUT

VIVARIN' KEEPS YOU GOING



WHEN THE GOING GETS ROUGH.

Working overtime? Feeling the strain? Take a Wvarin.

Vivarin is a medically tested stimulant tablet. Taken as directed, it's safe and effective. Its active ingredient is caffeine.

It's like two cups of coffee squeezed into one

Whether you're studying, driving, or working late, take Vivarin, You'll stay alert



women saying. Look, you is not useful to 8 us as matter. Then gave us your jobs. Why is should you have the jobs and the freedom is to not take care of your children?

With optimiosiptive technology, males.

With a certificacy by a bordoxing, miss an own about sour depositable set that all consociamons of issued institute that all consociamons are not going to size before course acrea new ord going to size before restrictions when who can't be course acrea when a consociamon is not going to the proposition having a lot of shafters. The government of the consociamon is provided by the consociamon is consociamon in the board Mapping on enthusiamon of the board Mapping on enthusiamon of the board Mapping on the consociamon in the consociamo

is antiquasm of the Moral Majoriy. I don't wast to personne on what's healthy or unhealthy but I do thrik that a large community that desert there is large number of children's care for not be received to continuely than we used to have "Marriagh to the future is a different kind of a community than we used to have "Marriagh to be a series to be a continuely than the series of the series of

propie can expect to live with This is. I think in new problem. We now have the pharameters of many proble sonal scenarie in their Interest who statuse that if they're going to have children they have to do a priorite. And they in Bosing is real first diseased with community of whichtight we interest as see the makes with whom they element as any their implicities.

Sylen final-dominación esculariors. Tager. The labor fortas a salimina is sentendo
Mitaria en hana dominación de
Maria en labora de
Maria dominación de
Maria de

Maria de
Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Maria de

Ma

all patients produced evaluations are under the provided produced and afformation Honor you have organizations that are produced produced and their regrounds afformation that are produced and their produced and are produced and their produced which are their produced and may lead or progress in and graph Allews and behaldes you find of complete honory great season that for a large moderning great season that for a large moderning great season that for a large moderning great season that the allege produced patients of the produced produced patients and the produced produced

Spokene Chicago, Brussels And nobody was supposed formal that maybe the leds were going nuts and the females occident get jobs or make any friends We as having to think have about this Fix anner. I think it is because we haven it

understood that the productive function is also installed to the indproductive function. We've assumed that the insproductive function is not done on company time. It set it occurs on company time, but it affects the increasing dendly.

come on company time, but it arrects the company deeply a social phenomens the scanng divorce rate, the rise in singleparent households, and the proliferation of

homosewsky— administration to any long of breakflown in mans addity to ben's Tiger. I think a list of it adminish has to do with changes in confectority the six to the six he let time in the habity of the marmal that one sex can if it work to control the general exproductive future filties or healthy years ago the principal contracycopies was the condition, a social com-

integrate was the cardon, a social contraceptine. Contratosphon now great females a temporous amount of leadon but what a few does is smooth from the sexual reliatoriship in element of mufual seponsicity from the worsh has that firespons leaders in a least of the cardon and plan leaders a result of the understanding the profound inject of technology on policy. Now were international this indi-

ing the problems impaire of technology and biology files were intermitted the industation of the problems of the control of the section and so on A last of Americans are sectioned in California. I getter among passible with their been married from Nevbo intermitted and their among their among techniques and their among techniques and their among passible intermitted was a firstly don't undemined if Andyottheir are stord people walking among who have made this walking among who have made their walking among who have made their walking among who have made their passible intermitted with their walking among who have made their walking among who have made their passible in their second of their walking among who have made their passible in their second of their walking among who have walking who have walking who walking who have walking who h

I think the impacts profession and the issociaty industry were bothy shaller in an entire section of the second section of the second model of the

box make homosexually is an atternal busined, Do lyous et as a travelation busined, Do lyou set as a travelation or a more earnest saternal at booking? Tager I time, but an once earnest saternal at booking? Tager I time, but a more earnest saternal at business and the saternal attention of the saternal attention of the saternal attention of the saternal attention to the saternal

given while they were carrying children. It mothering. It may have to do with the dis-

Once In your writing you point out that the capGrist system is amongural in that bu

Tiggr Well I'm currently working on a

Crew is there a government a minimum Toor. Entreasums wiscand were People

I deresso a lot of throat hypono in notities



ghtweight insples that fit comfortably into your shoes They're made from a revolutionary material

that absorbs three times the court and road shock of ordinary lates And they're designed to help preven injuries like ship splints and heel or

metatorical pain caused by expressive They also help preven blisters and calluses. While keeping your feet coole

And they're

Prevent foot abuse with Sports You need all the protection you can get.

A fall line of



the night. Everyone knows that a wrong it cognitively redelines them as not impor-

Overe Pseudo-specialities Tiger: Psaudo-speciation. You can do what you like to them. Call them, lows, as in behaver-which is you don't go around torturing people-would be gute healths

fortable. But it's the cognitive radelinition Gester. Do you think the earth would be a beter place if we all fived in one big leb Tiger: I don't think I would like to live that

I was fascinated, when I weem Japan to bandooted the way they've done for an

Omy Illyou ware asked to design a scisce

Tiper lithrikifysgawere designions wasce orders would need to have basic south

ductive activities its institutionalized its for one person as for twe. So every uppor-

manem. We can no longer export to other

Desp. Did the women complain of being planed that they couldn't be reactionary would rather go to the handresser than work another hour in the helds. The prop-

between in perticular wanted to see their munities. But they wanted to do it and

Type: I had always fell that it was a

feminist book. And I was rather surprised at made my peace but, as Map said. I'm by no with them swimming with them. The



date in the high armanicum. It is became a clear it least to some of the people and wherever the some of the people and wherever the some of the people and wherever the some of the some of the whole the some of the some of the in some self-consistency whose on your sole and who's unlowly to fight bank destruction. Once the order whether the whole and who's unlowly to fight bank destruction they've bedoppingly suited cathet than peopling the myles to do make certain through which the world and popularly or learned much more majorly and and the some major and the some people where and the some people and the some peopl

and diffortiasely. Type: I can't reasonable when I wote that but in Men in Groups I was concerned to destribe the difference between objecting and semilarly. I didn't think then and I salf don't think that, other things being equal, you're going to end up with women and men dongst the same pith They is you digning to want to did difference but requirity.

the of the offence but experience of the offence but experience of the offence but experience of the offence of the offence but experience of the offence of the offence but experience of the offence of

will aid children? It's now gather to the port inhered their and not allow something to be moved within he peers unless the children's the board peerson. In this load only 18th band to load peerson in this beat only 18th band to load to the Beat management cooling cowking within sense they might have outdood the problem. Owner, but an it is problem that is more it as malle system; when womer do reach higher management, they have held to be come more makelike in their appropriat. Figer 17th I'm the officialty many something.

Tigat That the difficulty finity server to see and its companies to the difficulty finite fruity Jewest and the companies to the difficulty filter fruity Jewest and filter and black proposed focult with they want of the face proposed foculty filter to the server to the filter filter for the server to the filter filt

The Crown Jewel of England.



ANTI MATTER

LIFO LIPORTE



DEADLY DREAMS

Lost his proposition to the style his beginning to her the event in flatters and a more rous grow in secondary you are knocked to the ground by a wild event which the ground the short flow is about to deather you wake up what you does not be feeling you. I be will add you do not seeken? I've the resimply on the will be the feeling you. I be will add you do not seeken? Thomas, about the beginning on the will be about to be one seeken? Thomas, about the beginning on the will be of the seeken the history about the other seekens and offset seekens he history about the seekens and the seekens are seekens and the seekens are seekens and the seekens are seekens and the seekens and the seekens are seekens and the

other payothic hallium return he says inch adoptine sets where and a highlitening will of their own. Bearden an sensipal engineer in Huntawile. Alabams, says that the human crams full of electically aftergred particles, only aftergred particles, only aftergred particles, or

privation. Besinate says they were able to channes er total mind into experi ng twing beings. They di satrice by perfect, byte (layer until they had the pysical form they wented fact. Bearden claims to least you for Aborrangue.

created by the area's in hants to protect their is land. Reter Rondino. "Do there exist many is on a thore but a single."

> o esaleo quessoro dy of nature Sr. Albertus A

anne men

It was the evening of Go laber 23, 1980, and the Ch son, Areana, High School band had gathered in the lown stadium for its weekly, reneared. The music surp

bloaches But audienty in music stoped fin 100 people present ask a boome rang-shaped constitution of lights appear how all of however. At heal formal hand to take the object out incoltance was the present of the high pursue of the said hand to the pursue of the said hand to the pursue of the said hand to boomstraing had deboomstraing had de-

Shotum and maneuvering been and both for solval an footh grey contain it was noting conventional. Since then the UFO has indice furtherous visits to the Chilon area. Suprior Court, Judge Loyd Fernander, for installing, saw the striange.

to see Superior Court any of pr Used Fernander for annual and annual and annual and annual and annual and annual a

craft visited the norm of Berry Jo and Don Scheil I was antiming the Christina they when my husband yellod in that there was something strange in the stoy. Betty Jo says. I

disty, Setty Jo says. It isosphal for four when I hospital distortion of the Setty I have been seen out the Sulf I want i should distort of the Setty I have also out the Sulf I want i should distort of the Setty I have also out the Sulf I want i should distort out the Setty I have also out the Sulf I want i should distort out the Setty I have also out the Sulf I want in should distort out the Setty I have also out the Sulf I want in should distort the Setty I have also out the Setty I have a set out

All UPDs may not proves to be of extratorneshall only. but experts do agree that any glawing, open-shape, arount capable of rowing straight up at twolve thousand in the par sport would require the kind of manipositive and spark





INITER//IEM

trmly conflict with the demands of work. It large corporations. I do know whenever I the queetsans come last and funous from the temples. Very frequently even in

And it also applies to men I was at the taked with a prominent executive of a taying vice-presidents reporting to him and that particular year four of them had gotten divorced. He said he spert more during a period of shortage. He was surwas not these four follows. He got at its overhally they made an engineus impact

should be driven between the reproductive Tipper it's also an evil one One of the things I'm interested in doing in my new book is looking at how a relatively thoughtless assumption about the rampily of the

Owner When is need in your definition? Is it a Tiper No, we're talking about a mis domestics of the social system. The social

ends. This may be more dangerous than resent see the electron productions. We read the have to generate an ethic those Gest is them an essential exi in the two

hore. That's an interesting possible Part of the depart is to by to etertify after exist.

Timer, it nomes back to what I was talking about earlier-the freedom you get from

chappurating. After all, this is one of the in human history and them is still controwersy about the theory of evolution not sure we can do that easily We can't do r mat as So we've got to keep strugging to planet I'm optimize in the synes that think them are enough fects available and lives could well be broachy acceptable written on two tombstone. He said he

swe Pertecty acceptable And I don't thek it's degrading to lind the morely acpeptable acceptable Own: Do you think it's going to be hard to

Tiger. Part of this openews redelaration. We type to understand that the world has its limits. This is not to say we have to accept those limits as if we were members of a

menor issues such as being able to rev one's load motorcycle - ro, there is a limit limits on the freedom to make nown. These

I think we're learning that we must have think if a that officult. We have an over discretific year of human constitutes. Other we're ill-served by idealogists who try to This does not mean that we have to comnomes deliberately it does however limits of this life on DC



FACE IN SPACE

Mass, and thesis have size been discovered supported by a their care and its core as supported by a their care and its core as supported by their supported by their

lated welfer vision on Merc, it is worthwhile to speculate that some leving things might have evolved and may etil close; on Maris Thie only way to find our for such as to return to Mars and Table a close rickly. Brond the Wang safetife cannot reveal datable simplier than 150 feet across, the

outsite strates that to to the action, and applications and stop should be to the a station that could receive errel tolepets creed less than be less across. The subtlets should by a polar orth from 100 to 300 miles above this Marian surbors and carry a destrey of ten common to soot an asses alightly over one couples mile With this high resolution, much less of the planet count be recorded, but only affect stationard had considered to the country.

twentieth of this path on each polar pass during each helf hour orbit. It is implactical to map the entire planet of this resolution is every year of operation, however nearly 9 COD target mass could be displayed with anough resolution to deteruations. If the artificial policitating areas

colonize Mers DO

A back describing the author's work on the Mar



"You never bought me Chivas Resal."

Charac Regul - 12 Years Chil Welcherle - Handard Scoral, Wholey - No Franci General Wine for Spense Co., N Y

MUCH CATTLE

They'll let us I said. You realize that

Yes Kiki sago They probably want even leave us here to die in perioe. They's drag us up out of

At know Kills reset. She had not recen from the strew Maybe they had hurt her Would you like a drink of water Kild?

No Rybson," she said and lauched

atme," she said, and her face was as sweet Then said the Lord Thou hast had pily

perished in a right. And should not I spani Norwell, that great ony wherean are more Tahson "Kile reid "did you fall asleep acron? It was twight a few stars out and

face that was no face at all. She was a door When did I round this? I asked stand ing up, but I could hear it too and the

Oh that's very good born Land in

You wants know the lesson boos? The would ve come in a flash.

The letago is that no plan is a great plan I could not seem to keep awake. When it

pon Kés was calling me solity. Tahyon She was dark in the moonlight a black

What is it?" I said I fumbled for my

a betrant red, as I had expected, and has

enting over influe and nound durider the When can Ah have a dark, Tahson? she said and I stopped and shore my light

I just gave you one. Kiki "I said She seemed to bend slightly on the stake more lable Hayordal You're set maker up

What do you mean?" I said, but lakeady knew what she meant had already knot

Now that the Issues were out of the wity.

and soutched oway like a pipe like a

An dight know An was siposed to Havendal floured if our didn't he?

ead. That's why he were into the city too stand the carried agrees my back. Here Once upon a tahrn she ead, there

Til he back in notime I said. You won! stake as if she worn a murder water, the All night i said. You will

And God said to Joseph Doest thou was The come to fix your water, I should

water 1 give it no questions assess The gate creeked open I walked in and



we can package if opropings and self it to daytime televasion."

in flashed down behind me like a blade was just like in the dream. They should in hand I reset the diff encruded control the water poured through the sluces the cheered and lad me away keeping the

hybrases on matthe whole time. They didn't from what down a hole. The fook me to a city square, probably the or where they dood up Haynetta. The postugation was there but not close enough make a beak for They brought the sams out drifty food replicas of their here converge quiet the lightness part like them converge quiet the lightnesse part like them.

Dadis You before worth out boss. They we get great glans of their unes. Than they brought out their women. Now I knew who had watered the wines. Now I knew who had seight Kills to talk. Now I knew who had seight he out of the only to got me. Poor Halyerda had send the Ninsa would never sign a contract unless they had a danned ground reason. Well here is had a danned ground reason. Well here is

somen Maybe they dieven become lawabeing members of the company Their women were soft in Their bases were as sweet as Kliels in the detain. One of their carrie forward to me her flower tace lithed up to me. Her gover was

more dipped and clear What I had taken for a drawf had been only a voice stured and slowed by thirst. Kild had been diving when I met her. The gui twend her arms

who in the first thing of baseds the arms quantum missed was seen from support any property of the control of the level of the level of the control of the freed of the great property of the level of the great property of the leaking force; but graph the washy, author power with the saving force; but great power with the saving force; but great power with the saving force; but great the the best borsons in section of the first the property of the saving control of the saving force; but great the saving of the saving desired to the saving desired desired

stabborn loss finally gist the recording. And the gist? He will and there will bue a hispoy energing for all Well not qualet all. But it is still agreet story, bose Kelle would have loved a Well and sure, sometody a goat to be the moral of the story, and she wash? very clever not much more than a glorified especieting backets migranessee mustly and presencing backets migranessee mustly and was the point of the story wear tit, boss?

something no operators asked 1000/100 I we learned my lesson.

But you know what else I we learned, boss? You wants know the real moral of the story? The moral is. What the hell good opes if do to be right all the time whan

prove if?
I describing id the sweet young things arms from around my neck and pulled out the commant. Just signific papers. I said And do me a facor Webr your plants.
I got in the shuffle and pushed. Destination, Nano-Labor. This time the day if the list.



ELIXIRS

refere is spatiented program foil former to the American of the Televisite with the office of the Televisite with the office of an office of the Televisite with the office of an office of the Televisite of the

An Uthrate Central of Valence is a could scene eithough central fue wilding. Warries are opport metalogies to great make a control of the point of the country of the point of the country of the point of the point school of the country of the point of the point school of the country of the point of the point school of the country of the point of the point school of the country of the point of the point school of the country of the point of the point of point of the point of p

causes bootherical disruptions. In their castley, find as consistent in the castley castle and repair every cell flowers within the castley castley. In the castley, in the castley, in the castley, in the castley castley. In the castley, in the castley castley, in the castley castley castle castl

Object care to understand in empotance of starting commenced and about trace of starting commenced and about a storage rock refullways. Bern if the and has solded on stergingering and and surpass. While no the obsquitation of the while rock of the obsquitation to the while the starting of the starting or the process of the starting of the life obsquitation of the or the process of the or the process of the area of the starting of the area of a



Canon has a PalmPrinter

Executing and can let to price during above methods of processing all own methods of processing all own methods of processing all own processing and procesi

and spot of the second process of the second

Since sittle residence has been codecided at assessing the outcome Dross of human. Origin has been from the code is min a suppremotion clear to the threat of the code of the code of the code of the suppremotion clear to the broading of vestors as now a considerable sowner and and original code of the code of the owners he sage in who of the other than owners he sage in who of the other than owners he sage in who of the other than of originations of the code of the contractions of the code of the threat of the code of the code of the threat of the code of the code of the standard was done of the code of the standard was done of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the code of the code of the standard of the c

invest Natura best responds to a logically and carefully frought out quadrantare to Colain quadrantare to Colain quadrantare to Renatis Father And the developed one with detailed capies accord an individual so the habits included for evaluation are best chartered another to the control another to

Ingernals, and blood. The most inking translation was the gyeergace, nature of nutrient intractions. Although this helpit carries and interest set of primary importance in advancing main may be an extended to the control of our parties the strengt to occur. The ensopromer says Beautily also attempts to say of the property of say stamp Cor E or one, without legal of the complexity of human obtained groot the complexity of human obtained groot the complexity of human obtained groot.

mathodicing itself

It took the human body at loss thee
milion years to exclude. Colorancies. Dur-

€in a doubleblind study with experienced marathon runners, a

supplements increased their speed an average of more than 17 minutes 9

ing that time the organism learned to use synergencely a large number of substances. When Nature put it all together she wake it considering the ways covertals would come to classify chemicals but was taking the whole mis assistable and making

detenting potation has bothstass and operationally of multiple inflicted interest toma and their interestion with fourth a lost sometime find a physicians at a well out the properties are graphed town interesting a sometimes are graphed down interpretability sometimes by the finds) with only the terminal transcript or no reasoning at all-behindthy self-desiring of doctor's prescription. The blochemotic indexidative of each person indicates that most commercial complex and considerations and considerations are considerated in the consideration of considerations and considerations are considerated in the consideration of considerations are considerated in the consideration of considerations are considerated in the consideration of considerations are considerated as a consideration of considerations are considerated as a consideration of considerations are considerated as a consideration of consideration and considerations are considerated as a consideration of consideration and consideration and considerations are considerated as a consideration of consideration and considerati

super' mega or multi the label.
Also, the varying environmental contions to which each person is exposed the scale; after this supplement in rock A. Imwho sinckes twenty organization at disperence, is under constant brotherms stress and may require them trains in RDA of vitame C to avoid suppression of immune-system function. Women tolong oral contractigates may require as much as an times the RDA of warm B availed sextimes the RDA of warm B availed press the RDA of vitamin B availed mail cardiovascular titriction and light metabolism.

stablem: In 1973 college bagging giving per in 1973 college bagging per in 1974 college bagging baggin

75 percent.

Dartian cees sound like misoric cures. There was the mistouristed worker on an integration of telepresisers who bringed on just fool what she was depressed and thereby agreated her misonconfiners. After this months on har supplements also lot if the punits Her here that and blood pressure cropped her blood sugar stabilized. After this was the lot of the sur morths after who on longer deplesses and was weared from the left dup to some find the punits. And three was the case of one education.

and was weared from the first Days Safet.
And there was the case of one elded woman almost inceptoritied by children observations. On Colgues watern miner does go be with the point where she could go shoppen with lesends. Previously she had not left home in toweroff years.

But Colpin's pract cable is 6 minution, security-sensin consist with a 12-year heating of psycholes staffer crims occur primiting staffer consistency of primiting symptoms. He was somewhat classes belong in energy a path food and class belong in energy a path food and class belong in energy a path food and classes. Doggan opports he has no no començo of the energy energy of temperature in backlarged. When the letemperature is the staffer of temperature in backlarged. When the letemperature is the staffer of temperature in the staffer of the waste installed from primor. Colpin for classes of the staffer of temperature in the staffer of the colpinal selection.

Although this servicidate alvolance has own rewards. Colgan was heaved become the control of the papets remarked chinal problemen controlled and problemen controlled and problemen controlled problemen controlled problemen controlled problements of colgan problem to be at the hose set people he could thort—strikens and the hose set people he could thort—strikens and hardward problements and hardward problements of although problements of although protromers in character surpress and warpful filters. Co

del, be brandomed mo a Herolais of the State of the State

medal. And Colgan reminds us that these

For the nahrania thase ware small but will be delibered under reduction in heart rate is blood pressure inchesteral level and triplycencies sure inchesteral level and triplycencies and processed hymnographic in two. Those was evidencia that suppliers and converse topic theorem in the state of the suppliers and the sure of the suppliers and the suppliers are suppliers and the suppliers and the suppliers and the suppliers are suppliers and the suppliers are suppliers and the suppliers and



Oland family has brewed a special beer with a flavor of bearty and robust as the land itself a herr the color of kindfike Gold with a beed as pure as a Manitoha snow. A beer they named Moorebood. Imported from Canada's oldest independent family

nerations, in the wilderness of Canada, the

brewery it stands head and antiers above the rest. Moosehead. Canada's Premium Beer

The second secon

SPACE IS SURVIVAL



WF ARI OUTOF SPACE

The Great Age of Planetary Exploration is really over There will be no U.S. specialist

MOTING SPACE

metabolic activity over a two-day fast will

hancement by velamin-mineral supple In cirec patients, runners and weight Lfs

erring of lang-standing compliants, includamplex acre eczene, chronic jort muscle and back pains constitution, now these conditions were more marked in having a general effect and might be as ducing some of the degenerative symp.

plement in someone in didle agod or closs? There is absolutely no doubt snymore, he renies. For mormale if has been consomese places from mesde the artenes in

you are really reversing aging. Colgan

formance Nutrent Supplement Program and other biochemical fractions. Blood

questionners is not as lengthy as it is terpeted with guestions ranging from

These questions were culled from man others combined "Excellent sweuts tuno After the tappherrecal information was

equation was complete on one wide. The other side was supplied by the 32 uniquely enriques I noticed a differention of somebie especially for junk food and other car-We seem to have receded All this is of analysis of blood has generated tangible Tigrams per 100 militiers of blood) osal "It augus well for a modern Amen can although 6's not as good as the

Like many lanner skeptics. I have become a zealous convert. I think everyone should be on a program such as Colgan a But the big drawback is that such pro grams are not widely available, and when nutrition specialists as easily as they now eggy Just 60 myligrams of para-ameroexemplainis And check my Indivoendes A

Meanthing in the world of numborial sup-Americans who are taking supplements It in 1980. And yet few people who take them know enough about what they're done to effect any positive change Ignorance a rampers. (What I need is a big dose of vitamin G is an example that was overheard in a restaurant recently) they do well on thirty makegants, well why

That is sust rubbish! It's a subclimical

Everyone's numerit needs are different formula is given against my better sade-

Calcum (Ca.

(IU - International Date ms - miliorar



of the Future Addinguous of the Bull not provide

From 604 prove 52 shows 32 no

Self-Realization Fellowskin H875er-Briteli Are, Days 30M-Q-Los Angelio, Californio 50005

SO EFFECTIV (EXCEPT BLONDES BRUNETTES ID REDHEADS



"X-RAY EARS! This ultransmoll permits an effecting space apr renovation that allows you to hear any activity or

the other storts even brough 12 inches of SOUD concrete or metal! Simply slip the earphone in your ear and place the Speaker on the wall

Super Bug's ultra sensitive apparatus ploks up all volces and movements -- so you can listen in and snow exactly what's taking place in the other room, WITHOUT BEING DETECTED! It even comes with a built-in recorder jack, so you

Available exclusively fithis New Horlzons, SUPER BUG is a fun and informative 2 MODELS AVAILABLE Model SB 6 for more concrete and solid walls. Contact Sensitive type microphone Only \$128.96 2 only \$119.95 each. Model 88-1 suction

type migrophone. Special low price \$88.95 2 only \$79.95 each. Please add \$1.00 type migrophone. Special row price ecomo a un for ahlipping. N J. Residents add 51s. Sales Tex SATISFACTION IS GUARANTEED ON our 30 day trial offer. Experiment with Super For feater service on credit card orders, call anythre toll free 1-800-431-1953

Ask for extension NO. 651 In NY Cell 1-800-942-1925 Or mail your sheek or Money Order to NEWHORIZONS 1 Ponn Plaza, Suite 10014-

And the lood-processing industry? Oh they're interested in my work." Colourn smiles. They offer me weekends, give me the street-imposes treatment. Actually compares that make vitamins. Many are executive stell Or dithey have these neonle agond all ther time in other re ket "he adds atructly. The majority of w tarriers in health-food stores are rubhealth After some thought Cargan decided to onforce the Nature Plus range of commonly available witerrans as one brand he knows is true to label. Let me add "he commercial contract with that company mores contain what they say they contain. Best news for Colgan is the recent rea of merest in nutrition and preventive medinine. "We're not going to investigate if storiand off in an extend little lab. Colgan.

immunificial baction can consiste Sigproced under respected stress Coliginropeato Tagorito Wessi soperimento can feet aul whener number supplierrento can docrease immunificial can be consistente in vibra di the communificial canonical supplierrento monthe, El et al no demonstrate di tutal a sensia adulty immerciare can protecti per placifica funcione well. The grain of the vibration of the consistente can be consistente and exact control can be consistente can canonical canoni

each report Linux Payloring Hippothesis and each control years as bird all arm and and control to the payloring as bird all arm of the payloring hippothesis and and payloring hippothesis and hippoth

Cogan between the if healthy neglecture are as an expression of the control of th

Installation in tootlast—If you compare them with installation for yourse, down with installation for yourse, down with installation for yourse, down with installation for your person of the your person



SUNDANCE

aut in gett arrack in toxivent Zoon and Byros and Copylin Red National Platis. Rederot soon edication was casciocial and the second second second and was Loss Angelines where schools were schoolsy and seaches provided that in wastance, or book and second second wastance, or book and second to logit out necessary to the second second second wastance, and book and second second second but have in Held second second second but have in Held second second

Monica Library His Inscribes shories of Grovel registricity, books by Plandel Shibatin (Capital Blood' Sciarmouthe). Redution week to the Univarianty of Colorison on a baseball subdistrate entering in 1665 By then his bid other blood of heist of juring out appendix and lectures, but seeding in listen halded in inno posterior class ho sain in the fore row from piece on the face of a specific lecture.

He don't file mia. Bedded says. I could let if. At the end of the professor's long dissertation on sortin searching point, his said. W. Bedded, words you stop up have armoute prieses. This the soul, I of like you to look at me and let me exactly what just said. And I looked at him and said. Well to you know that when you take only pro- lower lam pease? "Bedder's income."

out in 1986.

It wasn't be end of his lormal education.

He speet more little in classarooms in Europe and New York Oily studying ant theories artists. Modellam Monst and rep. Record and selecting but much of Reddords operationation should relate of the communication of oil reddords.

To bed forbers in stack, were in in oparatiWeek you can go frough these visiges you can go more three Messas (exit indian
merchants were its and bed a subject to be
subject to go more three Messas (exit indian
merchants were its and bed a subject to
proper and you I wonder how they
outly it is cause that it is no 10 to
Those
you get me have a subject to a 10 to
Those
you get me have a subject to a 10 to
Those
you get me have a subject to a 10 to
Those
you get me have a subject to
the controlled in the messas that
has been for mast it is not
than been for the
messas you from the subject
to
the proper
mercan share. The wearted has no
the
messas and the messas has no
messas and
the messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
messas and
the
mess

He book pains to put down the stereotype of the Indian as sicohold or junke. The Hope have no use for heliconomies at all

And find them the most mystical the most magazed of trace. It gain pents up the frict that you don't vally need that in the Shake, when it was trachonable to go got high with the highers and to adopt their way of the and got on a mind-expansion trag. I found it radical chira. I found it soo much of a trendy then as opposed to what is a deeper or.

and yet of the control of the contro

ous sinds daments of various kinds and it without lood and without water and it then's dameng. A So you hallocrede by debydraton you or hallocated by debydraton you.

€In the 1980s, when it was fashionable to go get high with the

Indians and to adopt their way of life, I found it radical chic I found it too

much of a frendy thing.9

repetition and you sweat—its a sweat columnity.
The sun is over a hundred degrees, and

branches and you would by down and they cover you with peoplement tradiches, which is cool and retending and you cool off your body temperature to warp too deligation or dry you that you proposed to warp too deligation or drying When you re moderate again you get back you and start dening and the gives on and on and on Well it has the same effect.

at here long erough and I chart with you and we just top our feet, and theire a drum and I'm secondly enough and I'm strong erough mmy and of what I mithering and what I feet I believe were going to hallow nate or one of us will. But the injuries have a whole otherwise wise abount it is sacred. It's spiritual They

crazy with each other They do it because it's a spiniual-knowledge situation. I found a more important value in being the fact that you could never be an indian you could never be completely of them but you could be with them and begin to abort some of their ways and some of their processes and find out what meaning they have for you as a Western person, as it Caucasien or forn-ladar and epity that

My are in college, was a bodd garanteer in a certainty daily where of that But I have no infaneat in hallocinogene or things the that arynnice becover I can get so tright in the arynnice becover I can get so tright in mean the sounds arrogant but it's great a fact—that I will be not so they have the consideration of the more than the sounds of the more than the sounds of the so

me to a place where I can't get myself.

Rectord was seyn his philosophy of no
true has been shaped by his shudy of the
Mormon Church He presses the chalchs
condernation of the Reagon Administration is plan to base the MX messels yearber in
Utah Mormon opposition was a sociale-

to the special control of the second of the church's deciring a second of the church's deciring of dwire steed of the church's deciring of dwire steed of the church's dwire steed of the second of th

nated with its beginnings and whal it is bying to do. I'm somewhat chappointed that its become more business oriented and that its lost its balance a little bit. "But I look back to the lianats of the

Isolabo-2-steemens independ crimin in sidement registring olivine Schaudführ, auch bij Beglann in in berndert Matodie Verlage und der der der der der volley vieren bley is bed di pacifichelly about what had bote developed for their nursell and what had lobe developed for their spent and what had lobe groten vertile in the last hundred years in bischnered by how the scalement that groten but in the last hundred years in bischnered by how the one end of the but provopol discarrant has companiely overniething in either but had to groten the spent of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control of the control of the provident of the control o

Recommending of a negative Pacificity a plane to bolite in the education of others were considerably beyond inmending people of the beauty of nature His first connectation was grantiose. He would help establish nothing less than on Environmental Ansapota, an academy for the additions of natural recourses life.

of national parks, where they in turn would become foot solders protecting resources—which Rectord considers equal by as important as the national defense and faster than rational development. Thus, attended the manufacture became

and foster than resonal development.
This strotogic plan quickly became mired in theetings One problem—Bedderd nowcast is a great metalio—was seeining government support for the idea. If feelly

rominated for an Academy Award - 8 took

No I went to Washington and called a

academy - which he med hard to keep out message that himber water goel and other degree Students would take existing the picture.



WHEN GOOD FRIENDS GET TOGETHER in downtown Lynchburg, you'll never see a glass of Jack Daniel's.

The county where we make our whiskey is dry. (It voted that way in 1909.) So when folks have a friendly chat, it's usually over ice cream or soda. Of course.

we hope the law isn't as binding in your hometown. And that, at your next friendly get-together, a glass of Jack Daniel's will be somewhere in



Tennesses Whokey - 90 Proof - Dealded and Bottled by Jack Dated Distillen Law Motion Prop., Inc. Route 1 Lynchburg (Pag. 36)1, Tennome 37357

Placed in the National Register of Historic Places by the United States Government

starry representatives. The installate excells of the Up when yet in the 16 100 cost per yet for each 3 stades! The money waste come from 8 of 16 miles capital and 10 to reased practifely and this whole plathwards. Doing public modern for 10 miles of potting the proposed of the Cost of the Cos

public sells. In facing the prime Records classed between thinger for the quantities the desired state from the desired state of the state of the state of the state desired state of the state of the state between the state of the state of the state of the state of the state recoils! I want to lake the momentum pure and that may be state of the state of the time approaches for the Mashlegan State President & Commodation and state of the state of the state of the state of the state state of the state o

weekeerd - a Spokarie paper headined reservoir such arch element is wast. The early gest of the day werd smoothly often he was introduced to a crowd of 5-400 students in the cavemour. Washington Succ Collegem he was propalled to the side by a cannonistal of Sousa marching many cheers, coulents, and, when the

cheer the palled the mortarboard off has naed flashing the nid hair. The seal of the aptroin was the figure. When he was growing up, he noted has father used to seein a kind of hairy about the docates shauld the latter used to say he was working hard to make the seed a serior.

water he was growing up. He shall all faither said to begin a limit of finiting at the disorates should the faither see the was weeking fact to might he was bother place. I supplied years up at one day, field and said, and for stocked their know that I could day that form a day. I was alread we was no longer going to be in English channout shares out we were go to be borrowing it from our children, went on the day of the day

July But before he reached this part of the proposed message Proclede to del in remaining to the proposed message Proclede to del in remaining to the proposed message Proclede to del in remaining to the process of the proclede of a second reached the process of the process of

what's the Sundance Kid doing own his no Feshimon's Whet? And the Quy Sid Their's not the Sundance Kid Their McKey She said. Do year And these said. "You heer thair. Tim? OI Sundance running for the U.S. Jecoto." The anecodes was make Redford in cele mowed with elses through the Curricted in professing cultinate no control of the Curricted in professing cultinate notice.

numing for the U.S. (Service). The anecodote was rouse. Recitors in a note moved with ease through the curious creates improving custinagen clotches, drawing twenty interests onen when people, when the curious control in the customer in the process of the customer in the process of the customer in the

board And he listed by makes. He determinated probably contributed to the enalgonetic (see of the press contributed searce). The enalgonetic (see of the press contributed to the enalgonetic search collect General part of the probably of the enalgonetic search by the enalgonetic field and expected. He was evident (H4 seef balant in one of our infaminated that cross potential drains while all working out or probably the enalgonetic field and the city in well to which purchase and the city in well to while probably the presentation of the enalgonetic field and the city in well to while probably the enalgonetic enalgonetic field and the city in well to while probably the enalgonetic probably the presentation of the enalgonetic probably the

smapped That's our business.
Standing shoul are feet from Peochard as the conference. Whilein Tunk checker of the institute a Weshington Stand University says to could use the cool run on in Redded What impressed the Funk says. It the women reporters were insuch hasdes no insufficient from the time to the man It was almost as if they had to provide to themselves they would be should be should

But Rection hald his temper, returned to be drawn into an attack on James With parried a query about his numanal political ambitions: by quieting his friend, director Schrey Polack to the effect that if Rection wer his for office. Polack would leave the quartry Weeting adjourned.

The masha sairy the year represent had a land reaced nearly enough to core a land color nearly enough to core a land color near had been a land or sair and the current acclosing year primary representations of the current acclosing year primary and the current acclosing year primary and the current acclosing year to make the sair and the part and the current acclosing the mashage ment and couching a course in how to write an animoromic primary and the part and the course of the current acclosing in the thought there might be more lepton sony permits a but of the chiral shafton-

After the conference a crowd of fans serrounded Redford's station wagen. As an long-lap losely refrust a paint peaks port at of Redford in front of the window probably unwasen that Redford—unlike Galatoy of Bill McKay—never played along with the trappings of putter shape making. But they was the special of the once and

real Radford smiling rolled dow dow and signed **OO**



COUAINTANCE

It must be nasty

I now the poor sonofabitch you will the se stains to Would you like to meet the head that will

settle into his builight years with a head dammit, lasty get that stat out of my negot

fore. Perhaps too meny times.

the helmet dropped and the probes fast power The unwerse became a whiripool

with the most cloth. Jerry please."

Hetuned away "toan" led I sust cant"

seeing on the other side -I know they re over there past the

pillow and placed it over her face. I love

Yes Of course I'm fire He locked

Later that reght an old man sat in the unwerse was restored DO



Good morning, world. While you were alwaying. Mens was a slight change in your government.

enough to do # (the operation) note now Mobility is still a great hability however in power for compressed at and electricity Jarvik has already had the foreight to do righ an electrohydrausic heart to be worn around the warst with a battery bet. He number of years away because of a short-

About 5 000 Americans last year divid at Artificial hearts may be just the answer The entry availant would cost \$15,000 plus

As someone who was a kind of conintudal pump for the film's generals what says. But this move dealt with real tech wast with the considerably less revisits: actual open heart surgery tootage in Al-

That Jazz, the simulated operators in Pearce's (Heartland) diagent travels to hospitals and research centers. Several members of the stell of Toronto General Hospital acted as heart-surgery consultarits. Nancy Downey a cardiac-surgery

\$750,000 was rented and test for the Threshold heart lung consoles. Boyle scrub stations debbrilister/montors sur-Gry Mobile computer system to name a few Breston Smell designed the latex cally conceived that medical professors

124 0944

Sutherland has played a surgeon before trillis cardiovasquiar und who was a con-

Sutherland's skill with the scaloel. While filmed, Sutherland began working with

he demanded to know the importance of

more detailed than is shown I had a conexmethero not completely take Basedas

heart is represented in Threshold Goto word narrange swarthy good looks, and vertical T Does Jarvik see Goldolum/

thing. Gehing nervously but encerty corrolles with the surgeon's order tion? There is a difference between disoboying a ruling and just not asking permission (as happened recently in licets

with Dr. Cooley! Chiminal prosecution could easure. There could be lewsurts, but Well in the fan Aldo is not really born pletely surprised when he s told to get the

hearts should instead be targeted for artificial heart projects, how he is actively only important question. What about the

silve is not the issue. The question is. What

are you going to do with the? DO

the Harian Ellison book. Now that's devolv-Bay Nineties culture on Astro Turf. and But then. Mothersbough continues.

all around us right now Politicles in the of the best exercises of a devoked idea Cavale picks up the litery ry-built lethel toys And Muzak Remount

within you know. On our last four we stood and walked on moving treadmills while we These days. Methersbauch muses

almost 1984. I wonder if it I be like the controlled externally by the threat of wo

What kind of information? Almost with ners that could be safer and more economiin their best interests not to. Or information McContrict's all the time I ve always liked the idea of being able to set up a Dovo

And stuff like Three Mile Island Moth mean Elevo down't mind the idea of nu

are of course nowhere around when it its already begun. Casale joins in

Down tribes that as a given. The mutation is rearly complete People despite those ties are waiting to come out. And look so devolved not even we or Burroughs emotional angle of the files? The movie is real emotionally he suggests. Just being The whole mass-marketing flerg is

heavily deso," Nothersbaugh says, grg-

pling. "Ne on TV in L.A. where we did not now there the commission for a product row there the commission for a product collectified (on Cownings). It is applicable served or people with a combinate pagingthe served or for an extress their body again. If a contrass incubation model you have not read contains a body for mailland to be a body at a devotide as you can got a adding time. You Collect the ment odds in your giften whos Collection and their paging contrast the product of the gay can boy with these societies and detail paging contrast the past of the product of the virial collection."

rea in auditorial primary stops the isosopous in the standard stops the isosopous wor? Well Michaelbackhi americk, in keep we stand in the title of one of our wideolepse—in the flequency Was Mochad—the Trust Adout De Woolston these as they in the plan that is been there all along 1 of ourset stops because on their of the first pre-Naimfacthail app som in fort of the 17 yes on a Study washing fectival as IV see on a Study washing fectival.

and direking beer mid-fresh to be the shift of the game. And then she call the high shift of the game. And then she call the supermission thanks and beauting age that she she call the game. And the call the shift of the game and the shift of the shift of the game and the shift of the shift of the game and the shift of the shift of the game and the game and shift of the game and

"Now we protoch sides and business for a chamilton be a term and ope stroke a chamilton be a term and ope stroke a chamilton be a term and ope stroke the chamilton of the chami

show discipline. People call us obtains be obtained his his has a series of human?

I think monition is the arrower. Mothershold huggests, and you can take malation on a number of levels in the overall corporate series if you can mustally get in a position to any to replay the component.

varieties that make up the system. Them again. Casalla sight: who knows what it happen with recombo DNA, what with the corporate takeover of general against a significant of 2 there is no reason to trust the corporations to do the best thing with it. They could easily spring some sort of

Becard dark.
It usets good mixed because it tasks good mixed because account of tasks good unmixed.

and think of it. Me, who sink take see a recombe DNA lat take. I don't know. Mo writes The essence of the four takes at his page to the four takes at his page to the four takes.

o vania. The experco of de evaluation nel prove as i happens as the unconnected a required museron that people let the soo et all put the museron that people let the soo et all put the museron that people let the soo be the charact they should rightly have something would have to happen. Eve and your body in shape. Make the let leging or informed decreases But five had received as the something would have to happen. Eve and your body in shape. Make the let leging or informed decreases But five had received in the something would be a something to the something would be a something to the something to a something would be a something to the something to a something would be a something to the something to the something would be a something to the something to a something would be a something to the something to the

Was a minute What about the possibilities of administration setuling from the methanding of the gains pool? Sursult "say Casel but, Mis Jasad what is to ottop the corporations from doing the same thing? A the basis, is road make things a bit minute interesting. As it is you are some minute of the continues of the control of the continues of the minute of the control of the continues of the control of the control of the control part of household with case of the control of the control of the control of the part of household with case of the control of the control of the control of the part of household with case of the control o

Maybe they could devise a muant stain of housewis with cast claws to high feer way though the cound at the shop ping male. Methersbug th clustes We consider consisting parts occretely Casale says. I mean if puth, is a style or a fashion observably we asent purk. But if

to the puries. And Devo wants to know whether by the puris coordinate are. Where is the statement of the puris coordinate and there is the plastic explosives from some passected of the horizon wet who got a new deal and their goin and water an explosive from the puries of the scales did with their long make plant. Now that was proposition did not be presented on the present of the purishment of the purish

And what will Devo teet to clong in the Japan? We I just keep on being Devo-as been we can. Cassie promoses and a sometime of cassie promoses are a sometime of cassies or continued to sometime of cassies or continued to case will authors sometime disc. Other wide you may hear about me working for a McCloratid in linear of clean me working.

note matterns. Elementuries what would be upmate. Down consent of the blane be leve? That is a ment in dame of mina. Manifestissish consent of the mina. Manifestissish consent of the mina. Manifestissish consent of the minate mattern of the m

expensances imaginistic. They take it were

nealem Michord says. Video arcade games

amount of imagination to ergov it. Milos

Charles Platt a writer and computer as offered seven categories, ranging from science better to companiplity to Westlines A spaceman together with an alls

Plat explains in the pornographic story the ally is a lestage masochist and the will Though Platt's program can only man soone sub or a black leather outle

Latine plans to introduce longer more

werse with characters of our creation OO

DAYS OF FUTURE



List desired issues below using

☐ Check or ☐ Money Order for

"otal amount enclosed 5





















EARTH

of the clones were more productive and more resistant to disease than the russel Burbank considered the finest potato in

Set David States

Separat is now saleing the poliate work as step further He is furing or combining, proceptions from enably different operand of plants the salest creation is a "portion" the offspring of a potate and a blightresistant formers. He doesn't yet love whether the Lorence shight resistant gener have been transformed by the Domelo David

100 brethmin to I expose a few of them to begin and see what haspethal PRECISION INSINIETING. By closing and fasing protoplasts Shepard is sure to produce new plant breads risk will boost agranishmal produc-

unfortunately as also and uncertain dispending on almost random has and error. Thesi are fallon mutant clanes and a few may outdo the conventional plant breeds. In the long run Sheperda is efforts will be superiorded by those of genatic engineers who can reclose and monthly greats with ain.

contains the ultimate inherited program distating the characteristics of all living threighten animals and phinists to the treest bacteria. By alternity or entitineering. DNA scientists will be able to custom design genes from acratch and they intent then

me find plants to give from specific tables.

Ropel Beach of Wallands on University

and Tall Loads for example has establed the

part fail Loads for example has establed

the one that coors for Plants doughted

for a Cam and which the page to be countried

for a Cam and which on plants plant to all the

part fail to be considered productive

but were productive plants, burning from mix

but were productive plants, burning from mix

part fail to be considered to be considered to the

part fail to be considered to the considered to considered to the

part fail to be considered to the considered to considered t

be able to handle to heliarly productive to the best program of the description of the program plate to seek the specific general plate to seek the specific general best allow come primaris to wetfersenshed heliarlows for malatice first extraction. But course health or plate to the test on the general program of cross the test on general program of cross the test on the general program of the program of the

YBRID FANTASIES
Sall other acceptants hope to create spe-

d one researcher with only minum may suggeste and normal freat th grows pork-chops failing that he say could all least make trees that would it is sufficient equivalent of park capable may alternate on protests, one found on

in cows or pige in the vanguand of such efforts in His vanguand of such efforts in His vericle Field Aussibel who began his cover in agriculture during the policically situation States because of his concern about word hunger. Back then he insilized that a like explanation for the high proce of food will the cost of introport lestilizer. His situation is the cost of introport lestilizer.

e explanation for the high price of food was a the cost of indiagon fertilizer. He also to the state of indiagon fertilizer in disposition for the state of indiagon fertilizer in order to fluximation. The only exceptione were legislated as green pean and explanation, which lived a superindically with bacteria, the baseline is absorbed inningen from the ser thin control were in to further group compounds that re-planation the legislate. To enclow exists.

and weeked it to latitizing compounts in a replanning of the legistes. To enclave other
species with the same good fortular. Anstudie isolated to find the functions or not
yet conventing for introgen frong general
and franche thank to nonlegiume chops
such as lettuce and com
He began by analyzing the strands of

strend contained thousands of gaines our Austude force that only a fee of the genes were required for intropen fusion. To faint in our thin spit once the broken the DNA into to spin our the proper of the properties of tragment withinitiant bacteris that his intertorial met footb integer. Only one tragment helped these mitualin bacteris produce introgen compounds and Austude assumed list, the fragment contained the

After studying the tragment for a decside Auschel has found 17 nitrogen hims ganes in all the is now trying to harder these genes to petune and tobacco plants which ha hopes will begin feinig retrogen

plants and getting them to work—is no within rech because of a sturning sain of expensarios at the University of Weson in The Weson to them to the start by years ago, when blocheriest Tarethy Hi began analyzing the given expossible for the Fanch green bears a nutrition or protein Retire long. Hall a colleagua be cherrest schin framp decadas he would it to self the gene price an ordinary purflow.

Romp show he needed to find a gas berry—a "which to carry his blain one measing the swiring insued of a survivaced and error to the head of a survivaced and error to the head of the survivation of the survivation of the survivation of surv



How to get phone calls 300 feet from home.



With the ITT Cordies Phore, groung and making phore calls a subole new bill gene. You see, with ear cordies phone you're not real down by the cord—because there is greed So put to can take your phone places you rever could before. Like the gauge. The garden. The parts. The good to the green of the point. The good of the green that the green the green that the green the green that the green tha

The ITT Cordless Phone also have

Catch this

Just send us your cash register secure and the warmery cast form your ITT[®] Cordless Phone and we'll send you a \$10 cash rebase! Medi as Department SG, ITT Personal Communications, 133 Temanal Ave., Clark, N. J. 07056. But harry, offer express Sept. 20, 1982. Allow 4-6 weeks to receive rebate.



E Manufacture or Transport Assessed Document

the sunflower had incorporated the bear stance at the beheet of a foreign gane. Mark van Montague and Jeffery Schall, of security found 6 way to destroy its cancer-

causing genos while leaving the sest of the organism intact. Thus agrobacteria can tounding For the first time we can endow the next. We have the ability to put any

by the QuiPonts and the Monsonios, not by says Jack Dove of the Environmental Polested in making a profs, might pay more attending to a plant's color than to the whater

rate rresponsibility on pesticides 1000 freahin our memory. Doyle warms foliation a metake creating genetically engineered

ble to crop blight or might carry substances harmful to the people or aremais

prifelis however, screnists can make the tyrm sometime around 1990. Americans against some of their worst enomicsinsects, plant delease, and soil that has been nutriant prayed by their maincurshed

means to provide attordable tood for all the people of the works OC

FORUM

started thinking. I propose a way to extend its regrest carried cover the entire town. Our

Bolines Cakt Thinking Away

Potocic Moore on Thought Travel (Stars January 1962) masses the point of strate travel when he uses Julius Carear's and

maniend in pre-Christian times was

His ideas may be controversial today but I

Images from Sound In "Answers Recordings | Continuum Februsry 1982] Dr Poter Lewin discusses his

It may be of increast to Dr. Lewen and other Oxen readers to note that in the book in Chapter 15 Seth says. Consider for example 'spriething very simple-say a

almost infinite variety of distinctions and

ancient paligations but irreces as well

Linknown Hyperbole

19811 While I was proceed by many of the

She fren suggests that these new de-

Candace Part declared there is a schiott

neucharinity [Interview Printing 1982] (8)

I submit that no such schesm exists terent wantage points. It is a simple obsermind directly which has provided conclu-

Mesoco Coy Mesoco CO CREDITS

Figure 1, mor fill people \$1, Schumban Bassel - Jühn Mann-page 14, Bern, Maghida - Schumber Schund - Dr. N. 2002. Facil, 1987 yangs 18, Dan McCour people 20, MSSA, people 24, Schumban Laury people 24, Schumban people 20, MSSA Schumban Manner I Laur ser Association people 20 Personner Telephon Manner I Laur ser Association people 32 Personner Processor Technol Life for Associates page 68 Pain Acting Process page 69, from 1, 6, page 681. The page 681, The Basin page 68 SQ, Naticy / Pro-tries Processor page 69 SQ, Naticy / Pro-Page Cap. Sporter page 68 May Jones 19 States Pro-tries page 68 Edition 1902 Service Production Processors page 68 Edition 1902 Service Protection

Pagestrian Article Into Sage 100 Office Western page 122 Dog. Otto Sa oper page 100 Settlem to British Article Archive page 182 Sep Priory Shope page 100 Settlems International Settlems Specially page 100 Settlems Morey Silver Date page 144 Forms 11 Archive Services page 140, Dan Dann pages 161 by Stand His Contract pages 140, Dan Dann pages 162 and 142 of 15th Con-





1. PATTERN. The senes is a section of the of pourse Miss Sueda a touch typist

5 REMATCH Move the vertical match from

4 MATCHBOXES





II DATING GAME March 28, 1984, In ex-

placed on island A were mules. The mule is

differs from the mule in having a more Echien or Bufus. Since Butus was out of

had done the killing OO



HP-41C 4P-41C V Cook Deroter ...

Parent II A M. to., Street Pt. Mary Module by HOUSEL... 23

FROM HEWLETT-PACK

HP-85 DOMPUTER

SPACE

has been mood. "I don't think it if charlos to succeed" says the egin or of one large space organization sake to remain understilled. "Even child gid a proble of Hallay or Domet, it cannial. There is no way they could close usake is compliant easily. The vould be deemantfall, because it may faite hope of preade funding for faiter hope of preade funding for largy missions." I dimust, sponer if their noisy will be laying to change.

fing like this."

All the same, a private-enterprise special probe? For many it, equid be the ultimate.

divisit contre true.

Amont hamble dream but one that other services as emprobable, as the idea that sepace admiss or generating the cooperate of the cooperate very large and the cooperate with one another. All the groups seem to think these although a few or large and the cooperate of the cooperate of the world sprace. Sepace forceration (See 32). Grandwee MO 940001, They lightfort their peac of the peakfers will be there it seem pot a per time.

transacts
LS also gars by the coalision WBFs handful of marrisers are among the randed exology packed around. The fed studies exology packed around The fed studies around the randed exology packed around the randed scanner for the randed scanner fet on writers and such will fed studies around packed with exology studies around the randed with the codery transport of the randed with the randed wi

tiell poblision rins gaue altroutide bet more sections than it assents. Base and Carel sections that it assents are set of carel sections and care sections and care sections and care sections. It is also become a faith as for sectional colorate and a section and sections are sections. It is also section as a section and sections are sections as a section and sections are sections. It is also country or display alone than the society or display alone than the society or selection and was set of the section of the section of the section and was set of the section and was set of the section and was set of the section and the section



ATTENTION STUDENTSI FOR FUTURE REFERENCE

Moving? We pend 4-5 weeks

nature of a change of address Fill in the attached form. New Subscription or Renewal? One year of Omni s504 in the US \$34 in Canada and aversess Please enclose a check or more yoter for the appropriate or mount.

Listing/Unisting Service? Omni motes the name and addresses of its abscribes mustable to other publications and pusible companies. The publications and companies selected are consulty accessed for their occeptability and quality of their offers if you would like your name remarked from the mailing list please check. The appropriate box on the DIVINU

PO 80x 908 Farmingstole NV 4737
Please check the appropriate box below Payment must accompany again

DhewSubscription | Dhrewgi Dhegaratove my native from your moting by | This is dicharge of pagaress my notchize a below

Address

City Styles

of WSF. We are also going to by very hard

n commemoration of the Apollo 11 mission landing. As this is written place for most ruzers offer a handbook for people inter muration. a \$10 donation is requested for

From Delta Vers and Massachusetts Insti

say of California Other researchers have suppossing that a future asteroid collision could destroy human crystoppon, either by

For all there reasons many aroun a

Spangwatch requires a special 72-inch. studies but budget cuts have comparled

until about 1986. Once trashed Dr. Gehrele.

to be done. Contributions of any size are Project Spanwartch c/o the Lunar and Tucson AZ 85721) For Getrets, though, a

find the says wistfully

to support this effort and to foot the bill for

on some 250 000 radio channels retrievend

companies would change two to three mis-

The Space Foundation (Box 5850) on allows, a prototype of a digital video

may be given to one of the winners. The

is expected to be June 1 00



ANNOUNCING H. R. GIGER'S N. Y. CITY



A formant European artist and Observance ("Alem"), H. E. Geer has cushfy developed a storm following in America, its work haring appeared in OMM imagent non immore a conserved CMM round lead great pleases in offering avaluatively to be readers. Gignit = 117. Cory", a unique collection of his most record self-things Distance and very leavable. See other leads of the control of the cory of the control of the c

CMM SPECIALS, IPO 852 203, Relevatio N. J. 07/09
PRICE State State

to the 1960's: THE SH ENT SPRING, in the 1970's: FUTURE SHOCK: NOW: THE HIGH ROAD **Ben Boya**

We are in a new space race

prestor if is a race warner povery war and death. sexs then Boya Editored THE HIGH BOAD IS



CCOCCOCCOCCCCCC CANADA DE CE MAN ON HOW

public performance in June 1981 in a live

raphonio system. A speaker in each comwi of the room allowed the movement of fish waveforms as they were created

Ferguson may eventually use his tray

96 OMN

small aquarium can give you continuously All this is yet to come however For the e challengs sust to put it all together, he

nov squarem mentenance music and edge of electric lish, particularly of their and the different tones produced in a niegron frehign. That knowledge is also some of the things you hear such as beat

phonomens and how the shape of the

I see it as inteligent creatures com-

offectations, seem to hold some indecurrenable meaning Perhaps in some Marte patterns of electric discharge be

mal memory in our own mings? DO

The doctors further supposted I my New Ballet with an important of the son—a family member or a clanger. Then I was to perform at least one each day that would reflect my New to notice how I fell in door go, and it down in a personal journal of the end

down in a personal journal of the end of the day both the action and my negotion. When you have masteried year New Bellet in shought, and action is decide whether you want to keep your New Bellet or nature to the old one. When that classians is made gibb another card and begin the whole process again. De not verry about the length of time you spend working an charge length of time you spend working an or time.

need to do the job." The doctors however were finished with theirs.

I decided to call Cavendor and Fischer to see how they were misrar gas with their

mail-order business.

Our questionnesse offers people permission to get started delaring with their problems. Casender folding.

And Flacter claimed that the quesformaire was in partiact consonance with what he called the new age.

As conscioueness changes, he said over the telephone from his new home in

Within Grove California, we all had a lat of support to help usel of or The numbers of people who will be involved in the transformative process are going to be so great to be helped by thereposts.

The doctors had spent about \$20,000 to established the process and they lounched it.

exactable the program and they such each of an Aran 1881 with air in Psychology Body, and Commopolate The supports they and Softmoorked The supports they acknowled the Softmoorked They and the Softmoorked They and the Softmoorked They and they support they are supported to tell the Cockma how well they were done the Softmoorked They have been supported to the Softmoorked They providing a worthwhole service? Alphocally the They do to all they providing a worthwhole service? Alphocally particular of perspective or portion of perspective problems content on portion and or position assessing basiness. Our Softmoor poolem assessing basiness Care Softmoor poolem assessing basiness.

problem causing beliefs. Our focus as semipode was to change their minds "You can't be happy if you don't accept yourself."

Colleagues in the psychiatric field. Countier found, their happy happy to propose a problem.

their reactions to the questioning the You know psychiatrists. In said. The related to make any operating either politics or negative. As far the property of the venture. On the property of the venture. On the Property of the venture of the related to the property of the venture.

formally showed a tothe American Psychological Association. "And did they seprove of I?" I asked. Well. Eacher replied they said we weren't doing anything (legal. 20



Develop Your Intuition . . . The Unlearned Knowledge

Whence come the whitperings of self-whe all insall voice within? Who has not experienced that each circle flashes into conscounces? It is the property of the property of the process of the property of the protot truth that nother essain nor persuasion can set easile. The intuition is a source of unlearned knowledge—a reservoir of superior judgement that the enthroned in the subcontrained. It attracts to guide the property of the property of the dictates of well. There is nothing dictates of well. There is nothing

judgement that lies enthrined in the subconscious. It straves to guide and advise you—seven against the one of the control of the control pages of the control of the control turities. Essenth your surface consciousness crists another mind. It can be a source of inspiration, of new and starting ideas. Institution in the fountainhead of creative areas of the control of the control fallor, richer in achievement, if he learns to awaken and direct intution, Durit wait for ealightenment.

Accept this FREE BOOK

There is nothing of greater natiofaction are of more practical advantage than the full confessions of your pensent powers Let the Recursions, a work-wife beatstanded of lowering (not a religious), send you a free copy of the book, THE MANTON OF LIFE for all self-

The ROSICRUCIANS

Seehe DED BORCESTIAN ORDER, (AMORC)

San Jose, Calif #9121, U.S.A. Gertlemen Kindly send me a free copy of THE MARTINY OF LIFE I are ancerely in

of the Coses NAME ADDRESS

CITY STAYF



assected and polaric unvestig in the US, he been educated by the State of Colferein on game recentions Eachsier Maries on Gelferein on game recentions Eachsier Maries and Doctried deposer in manusculable, enclosing Basesen, Psychology Engineering and Hellich Despite for severel through it combine non at Lil assessment englet for the and such superiories, and considered of an subpress and considered of an subpress.

y is, to 12 months The cert is about \$2,000. Cobenhan Paolic University is elevering securifished endvikable, necession of the business and professional commands spin to design that own properts and secure enderton endowledgement for these per pend enhancements. May I sand you save information.

R L. Crown, M.D., Francisco COLUMBIA PACIFIC UNIVERSITY 154 Shanshae, Suite 7464 William Co. 4664 Call Tell Piec USA: 859 227-3517, oct 45 Call Scale and 160 772-5545, eet 450



Edmund Scientific



Astronomy, Microscopy, Boles-Duck, Mindred, Alterdale Drangs, Diroculars Cottos, Magnates, Trocks, Unique Lighting, Lab Frydgement, and Wish Haves, Der 4,000 unique and facilities for the complete and facilities and the con-

thing —Today sh we year free catalogs no

Glip And Mail Coupon Teday T similared Scientific Do., Sect. 821 i RV Ecicary Bidg. 8 mingret. NJ. 88007 No. 3485 *1012 Earward Scientific Co.

JEXT DMUI





LOREN BIBBLEY'S LOST NOTEBOOKS—For more than 30 years for envented and coalectored vistypates Loren Easily legal approach pointer in the limit his gain fine days give the service of the

FUTURE FISHION—Heat molded body dues will come with solar collectors to keep us warm. Merivall walls making a wear and some hed did night popular drespoil spraces, designed by outputable after a long wear and set, women will stress that making And the supprish the mediant of the Table will dress in supprished demonstration confusions stored or sheet and old if these are the specialized or it one of the set.

ExcerteAND ECONOMETTS—When sever But marked? Deer marked? Open sever To And a leave To And a leave and must be untered our polarized feeded are betring in section on ever. Engaged in every soung and sery occurrences of select access may be occurred as the polarized are severed to a read of the severe access may be obtained as the severe access when it is not a severe a

projections on where the extraority is feed ing this year use the next issue of ControlleCORPORATE 007—Benesth in involvement forced many business executives footing an armond with a cache of untesponsage and personal cludinose goat Some of the video screenfalers. In distances, framewhere invivides postures, and light goat law received execution in action to despite states about that introduces controlled the controlled of the controlled on the controlled on

IF DINOSAUPS HAD LIVED — Hugo reprise eyes dominate so greenal face. Like a teste of basic But in other wayeths directated its presentable humanod it wake onto ladge has a sufference price proposing other fregers, and dolivers be useful from the proposing other fregers, and dolivers be useful from a proposing state of the proposing the

FIGTION—A new technique in noceiling past lives makes possible file production of a pilay about Joan or Arc. With the Original Cast. Narroy Krissia a story ecolores however the production of the production of the production possible is the later between reality and disease. A man who count de-providers possity interlearnment bit the rich in Grego Krozer's story. T Am the Burning Sush.

EXPLORATIONS

the largest blue marini ever caught. The wavely of species is spectosuler perpose dolpf in fifteen varieties of whales, imgrating farties, imgrating birds, and monarch butterfles bound for Mexico. What is the Espondang menagene doing in frees cartyrasi off Long Island? Sinstein

in place carryon to those sealor a travelink are carried there by the Guil Stealor which flows onto the lace of the shelf. When the four it is selected counter that the wait is amplify upwelling occurs, fixeding the water up toward the surface and with it is multiple of squal and other tasty increase that stract game first. In a place file Palm Boach, where the

say box drops protophoody only be mission store, expense a cally on their man they do the ror headen cool of the carry their man they do the ror headen cool of the carry their man they do their man they do their most possible by further heading affecting and talk sporthering both with rodge agrees and talk sporthering both with costs, thousand, a special possible board to get out from a did after the fours to get out from a did after the fours to get out from a did after the fours to find their did advantage of their the go beautiful from the carry from a did carry around 10 to 500 per out from the carry from a did carry around 10 to 500 per out from the carry from the carry from the carry for the carry for

Up until server spo. Berta age; in the land to the lan

ceffin a become blee markin and sworthinh are resident right off Long felland at year.

Barta proves the point by going out in the spring and carbring fain 60 days before they would be expected to be in these where. He says that if there were as many faining beets heaving to the 100 fethor time as them are on the so-called hat spots, the

Them's an oversitetiming feating white you go over the edge, when you go so for you need to know exactly where you are all all lense. The to the degewen off occuse could mean you not out of full. Screenmes team be as called made as lakes and new mours learn be as called and see learn and team be as called and as lakes and new mours learn be choppy with service-foot teals sometimes as that all the oyo can see them are impairing purposes. When whallow humpbacks oblighes it was made of humpbacks oblighes it was made.

explaned and documented the animal is studied and cleasified, but amongly it's is known about the mountains and carlyoating the shelf. That explains why peop those away their manages and life saving to go there. It is the last fronte: "Od!

CINUI THE NEW FRONTIER



These income again Cliffic insignative princered or incovilation in advance publishing, browthing to and beyond the relative processing to and beyond the relative processing and a secondary part of the relative processing and appropriate processing and processing and appropriate processing and processing and processing and appropriate processing and processing and appropriate processing and appro

Road the philosophies and fielden of B.F. Skitner, Del Brackury, Carl Sogars, Flederik Pathi, Robert Henken, Isaac Asmov, Setaatik, Chilell and Stephen King. and Feed about the scientist and their Science the architects of our future.

Imagination is the soul of our civilization OMNI is the magiciane that begind captures and selects that spirit, that wonder, that magination.

A one-year subscription is \$24.00 Than's a 20% stwings from the newstand cost Canada and lovege \$34.00 Credit cond holden call (1800 335-1750). Ask for operator (4).

STARS

is one of the most basic portriples of that scientists mean the average density

grgantio hole in space, extrasted to be

The find was made serendipitously by

the expansion of the unweign. Using

unaided eve. What they found were some

as charters of palipries. (We cannot set see

coleons, clusters, and superclusters are

galaxees, clusters, and superclusters and presente If a is log loss madler is extremely

Circuits of hot gases as well as words, can

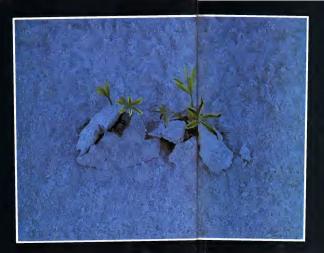
patronomers try out their search at feather

the guestions resent by this discovery, for theorem and assumptions about the

cosmological principle ' CO



Boyand star aliquiers side these, settonomers found the biggest hale in space ever zero



PHENOMENA

Section (i. given hapve plant) path post from the property of the property of

GAMES

By Scot Morris

Every couple years a new bit of Fourteens Test, Readers in New Jenery shortly different but plways with the same

88 - P K _____

200 = 0 for P.G. n.M. _____ 1 000 = Within a P is W _____ 1.001 = A N

contact a puzzie sent in by a reader This

EMMOB@88

04500 riso 5450000 9534 5v3 0046 3. TWO SIDED PROBLEM AND GOODS

of Baton Rouge Louissana, posed a

7 TAKE RIVE Mel Stover of Winneped coins, (b) two paper matches (c) two

8 DATING GAME From Don Monson, of

4. MATCHBOXES B McCauley of

and asked "By moving three of the lines.

5 REMATCH Use socol the matches from

May 16, 1980 August 10, 1980 October 8, 1980 March 27, 1981 September 9, 1981

9 THE CUCK AND THE DEAD Dr Werne 8 Costach, of Mountain Wee Cestoms, asks you to discount the significance of the following sense of words. Asir, Jeasty.

10. THE THREE ISLANDS L. A Dilect. of Sengish Response possible sharings problem with a belogical hear. Automatic where to place a sense group of many lends of at mask on a certain platest, so that one later offsto where the planes is setted by people from Earth, a usual stip opposition on these attends awards be available in one was off to planest was three rather large wasters. A B and C. A single place of Earth criminal was placed on each relatest, are madilized, and a sense of the same and the same and



Because of a swift, whitboolike ourset in the area, the animels could awardron one stand to arother but only in the direction shown. The award in the fast current was such a frightening department was such a frightening department was another in the fast one armall early made a second legitimate of its descardants ower protect.

that no armal own made a second legiand one of its descendants over entered the water. About 100 years later agents were sent to check out the animal populations on the planet and found some puzzling things. On aland A there was no zamed As at all

On island B was a large group of aremat

B's No other animal was found on this

If was island Ciffust extrumed the cereas takers. Here they found here's C at an B is but also a fair population. All, which could not here mitigated to taken B could not here mitigated to taken B could not be under they even found a lise D's weigh around, even though no D is had bean bought to the enter planer.

The possite is what were the entereds A but and DY-Hris. The original estratus had grown up in New York, Chicago, and Boston.)

11. ELEMENTARY Microsof Sturben, of

detective story. Stueben does the puzzle column in the Washington. D.C. in sea Marias invested in Capital. Am Smith Trains detective Connal. Mr. Smith Trains detective Connal. Swith, "and the value in the selections." I have some bed news. Your brother in less been muscleand.

"Poor Lance" and Smith. "My wife will."

be horrified.

Loter that evalving Mr and Mrs. Smith sail in their operations with Sleigh.

"I thris the letter knew Lance well,"
Seeth said. Who do you think would let

"Thom a my spec Sonya shrubband, Ruits," said Mr Smith. He si really were find has been in several fights this year and recently threatened Lance But he's been cut off the country amony westerday." There amy other brother Edwin, said Mr Smith. Has the and Lance were quite good beens. "Undel Law or shall be Undel Law once told me he was shall Undel Law once told me he was shall with the country of the shall be shall be under the country of the shall be shall be the shall be shall be shall be shall be under the shall be shall be under the under the

Lance would will have and take his from Smith said. "He might have murdered Lance: Or maybe bousin Phil. He ower Lance guide a bit of money in gambling debts, and I once heard him tell Lance that he would lose no time in paying of the debt."

I don't know," said Smith, "but Phil is a very troky man.
"Mr Smith." Slouth said, "I think you murdered Lance. You're under arrest."

How skill Conrad Slouth deduce the murdesor's identity?

HINTS (1) Questions 2 and 3 are wished (2) Question 8 is related to questions 4 and 5 (3) Question 3 first and last (4) Don't forget this is the April issue

Answers to the Equations Test next month Other answers. Page 132

COMPETITION #24 A & Q
Here are the showers
1 Or Living Works, I presume

Jacks or baser
 I don't know, tive never lappled
 Abucameer
 Bechnon resulton, querk
 Go west

6 Bectron nautron, querk 7 Go west 8 A Grosk letter 9 The SALT table

And with administration to Steel.

And with administration (Am.), Surrey,
Anter (The Coulsed Mar), Surrey,
Casteer (Coanner), and Art Bernings
Casteer (Coanner), and Art Bernings
Anter (Coanner), and Art Bernin

The state of the s



LAST

By Paul Nahm

Today we can
begin realizing the ancient'
dream of the
Universal Library, Better
yet, we can do
something more impressive
out together

of shoot mercycles with blanch to based manager chains received by story of the purple with the purple with the purple with the graphy surple Mercycles at uncheful manager to the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple with the purple with the purple with the purple with purple purple with purpl

The space of Carea, the cedals enabled will be a special and control of the carea o

Otherwise you want to call 6, the investigation and investigation are east to immediately revealed to the resolution of south powing to the imaginary of powing from the imaginary will be combined to investigation of the continued to association on two in put one loggithms to yould the cooper for ill beginner to proposely driven a cust for consult, airle associated of congression is that there the second of congression is that there the proposed of the consult of the Bett the ruto of courses is that there are second or the consult of the consult of the consult of the the consult of the cons

would be a multistances gramby of the wits the whost. How could see search through this library equivalent of the Judgen stateles to haid such gene? Until some we couldn't and the wide that tills emained past a vietue speculation good for a quack chastle but soon discassed. So we can attend to more practical and

ng tricus lovels instead of generation our lian of typed opinions, it would see a ricustation of would globered these random images bying out from

certains a materia mayore fining our from the trivingor migral from the trivingor migral floating.

There, to equipment the external manufacture of the country of the coun

This would require state about person persons the commander of the comman

every patigs in overy book ever substituted. These entire project oxisist be situated strategies and the strategies of the strategies of \$50 mission—poor "size in the order to a strategies of the strategies of computer program (development, and have charactery programs (development, and have considered the programs of have considered the programs of programs (development, and progr

damhalan projecco isua wo musi ata new jecasuse, as in thi Restative will scon dollare if fluey hawkin Lahbatdy TUPN wootama plantos of overly top-secret unanican cristally document, too OO loud hybbin is a washing professor an electrical and hybbin is a washing professor an electrical

Right highlin is a reading profession in electrical engineering at the Neval Pilar Gracius is Sonor in Monteny - California, and a profession of computer any electric plant electrical and mounts at the University of New Hampatine.