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MANAGER SETTOR STAVE FOX

ANT DEPOTOR OWNER FUNCHIJA

First Word
By James D. Wassen
The Human Geome Prowell oost \$3 billion
But the benefits outworthe price, says
the men who oodiscove
the shruckure of DNA

Omnibus
The Who's Who
of contributing surhors

Communications Readers writes

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By Craig Bromberg
Is the amergence of a globa
popular cubuse
necessarily a good thing?

By T. A. Heppenhermer Astronomer Martin Eliva just struck gold in unwanted satelite date

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Dictionary context plus
the announcement
of our leasest competition
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Cover of Lifeking Penerosarros reagrey with computer technicing antist Jean François Postevin created this protoconcelage which features for streywar old son Wilson 1 is printipoless a new generation of children From now on there's a reasonation with computers. Bey he no barger a threat. Postevin page

ONE SECTION AND THE CONTROL OF THE C

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By Jon Miller against which

Continuum of the Wall to prove it?

an a pachydann aphrodicia

Rock Stars Soore

the Future By Molares Menach and

The Christians and Happy

Changing Channels By Pathaut Nalloy

CLAZ Rhow Wewers Will Interactive TV



Piotorial

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Interview: James Collins hire in paramon? of posimodernism the true meaning of pop

New Maxico after 43 years to revestigate an

make the best no law of nature. New help

writteries What are the cricls of a space

> Оаптер Jby Scot Morris deposit bag story.

Video Scene Ry Rob Lindstrom

Star Tech

Last Word fulfilling employment in toy iswenting Video Pets or

Fiction: Over Flat Mountain

When the Appalachians unfuried, the earth bulged into arriess beaver Grassing First Mountries called for a new breed of trucker, and CD is as tough as they come. But thanks to a ride he said a latchfaker share through the widerness in the sky. CD gets a chance to repay



FIRST WILSON

6 Drugs may be

developed by researchers to correct deficiencies within genes that cause genetic errors, and perhaps defective genes may someday be

replaced by healthy ones.9

independence from England in 17th, most maps of half-Mannera did not most maps of half-Mannera did not most maps of half-Mannera did not make the carefully distinct in the nation. Doly after the Chail War were Coalisons and the Americans of the Mannera of the Chail War were Coalisons and the Americans of the Chail War were Coalisons and the Americans of the Chail War were Coalisons of the Chail War were Coalisons of the Chail War before the Chail War were coalisons of the Chail War before the Chail War with the Chail War and the Chail War with the Chail War

As the Ninstew begin, we are passed to mount a similar effort of even greate importance—to construct the genetic map of hussins, to check the mysteries encoded in the 50 000 to 100,000 perest that make up our bodies. The thoman genome represents all

encoded in the author to require perest their makes up our beddess. The truman genome represents agonton maken that composes a liver genote maken that composition of the material consists and rely of DNA (decey) their makes a composition of the material consists or firstly of DNA (decey) their makes a case, the hereddess indicated ammand into working units called genes. Mapping the genome consists of lockrifing livery gene or the 23 pairs of our difformacional superior.

that make up each gene
The Human Genome Project,
hatched out of passioners debates
classic like past several years. The

charge the past several years. The success of the project as a strend commenced among Congress, he had bored installed theath, the U.S. Department of Energy, and many for-

logistics of this large infernational cooperation, the Human Genome Orgenization was lounded. The expected cost of this extensive basingsal operation is 53 billion (\$1 for every subund in the DNA oftein) over the next to years. Unlike other federally furnised.

soon as data start corring in View worth have to wait for the completion of the genome to reap the berwitte. This is indeed an expensive ondeavor, but the rewards from mapping the genome will be wiscoperated. By defining the structure of DNA researchers withe size to clerkly infracted patterns or expected modern or the DNA street.

dominate our world such as heart disease, cancer, whiteles abontivers, and metal il heats, may be caused by greeto abontivers. As we analyze the understanding the caused by greeto abontivers and analyze the information of warry given in the human body, the role of insciona well with them to seem to prevention. For instance, geneto analyze of a newborn may be used to access for a weld variety of geneto discount his other. Wherever a defect is found the other cooper day to the accessing to the control of the cooper.

tal hazards. Mapping the human general will also give doctors the tools to their adults for vunnishing to certain cisecess before symptoms appear. And weretastly drugs may be developed to correct dehostness within gones that cause gonetic arross perhapse dehictors genes may sometally.

perhaps delective genes may sometally be replaced by healthy ones. In order to bish a single gene out of the sea of genetic massival in the body's cells, however, the picnoens explaining the genetic fromter must first push the larges of anising sof missing view methods of evidence must be culti-

in the standard of the color of

dangers. We have already wheleased its velocity assured granted in the harm of elegence and mosel hyperis. We have presented to design the hadron of elegence and mosel hyperis. Cleanways earbor in this contrary. The elegence is alleady and the harmonic and the Linkeld States where it is supported an other than the Linkeld States where its supported and the three threshold to already the harmonic than the contrary that is supported and the seater of the the seater of

We can prevent such adoctates from recurring 1 searches dischairs, and sociary at large refuse to delet commonly genetic discovered to freed with would mause them. And one day laver must be passed to pretect individuals from have that might cootar from wedation of medical confidentially between patients and their physiciansely, resulting som parties profiles.

We are before than our period but understanding our general exhaustionary important. How who can we understanding understanding understand what restoreme a remain cost into one that includes in unrequired and growth to become a cannot? How deep can be contact. Adhermore, all we deep can be contact. Adhermore, all with the contact Adhermore, all will be found under the contact and an area of the result of the result of the cost in growth of the cost of the cost in growth and of the cost in growth and of the cost of the cost in growth and of the cost of

as we stree to conquer disease CO Juenes D. Watson a pronen in ganacio, received the Natiol professional in 36 for codecodering the structure of DMA. Today he has a new challenge as director

CONTRIBUTORS









het is pop culture? Sounds like such a simple question but ask it at a party or a benefied gerre. in a bay-or during an go on for days. No Cross serior ecitor Murray Cax, who populated this Alway and bium bottoms with a message Franco Mostino's faction creations. Dun't

het is pop culture? Source.

only thing to hold an to in the conglorn-State of Notes / Changing Changels."

popular late Fiftee television game show wed for prizes by recountry; their takes of woe and mislature. A nationally synd-

Mills clocked hundreds of hours on popidals views of tomorrow's music of Bresh music is in good hangs," reports the arts for 7he Fisce and other British publications. Managha work has

Giarri D Brien (Interview, page 66) is

Mutant Ners Turtion film yet," he sees writes on the subject of popular culture

mana 421 Melane Menanh and Steven

ublorelession health program Doug rational Witchie magazines Joel Days (Body page 24), who has and other science megazines is the without of six books, including Macania the Gode (John Wery, full 1990)

herner (Stars, page 30 panned The Corong Quate (Times Books, 1999) C L Hauswald (Score page NO

John Rubin personally bedless (Mind, page 20): Currently in the market

acierco-Action author Terry Basonia first Flored to be published in July by Jan K Miler (Arts, page 32) loves to

(Washman Publishing July 1990) DO



LETTERS

COMMUNICATIONS

Buddhist's Dekoho

The luman mind is more powerful than most realize, but there to ecdemone chronic realize, but there to ecdemone chronic realize is possible to ecdemone chronic realize the powerful commercial baseon mind and body. There you retrieve the chronic realize the statement of the control of the co

sinve to emprove the workings of the obbody by healing the mind. so Januare CO us

Return of the Native American
The inforease with Afonso Ortiz in the
March 1990 issue was one of the best
Finge I have ever read in these
troubled days we could all learn from
native Americante' weeden and forgotlock

Edisorten Alberta

Political Science Fining Libris (Pinit Word, March 1900) proposes a libratable freese, but it may contain an unentanded invision to compliance for Waldom readors Fating notes that in his netwo country, embassing "Sciencesis spart and method" has not automatically lid to embassing compromers. We must not assume that appreciation of democraty communitative confers appreciation.

of scenopy's method

Carl Madson Detence OH

The Truth About Fetten A a water of fetten for the pital overnigers. I have offen do not the pital overnigers. I have offen do not all the climaters also discussed outwards or forums for quality fetten. As such, you can integrate bour pressaled less upon residery. The Saddness of Detrail by Johanshan Carolin Hard Hard Carolin American Carolin Control of the Carolin American Carolin Control of the Carolin American Carolin Control of the Carolin Caroli

issues of Ormir I will certainly keep reading your fettion peaces. George P Daugnd

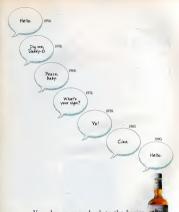
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mechanical surrogates report to us?
Bruce Clements

I enjoyed reading Plantels Weitzhaut's active Missions of the University and a practicing Buddinist (10 like to cell) use as a practicing Buddinist (10 like to cell) use the separation of the University of the State of the University and the University and unive

diverse cubins that we lump and to the term Eastern As it as a limbor on Buddhalt teather would over use the term commo consciousness, at least end with a stealing time to be year or most like special toom to great most like special toom to great most like specially and more growther most like specially and more growther most like specially and more growther and temporary and more growther stellar provides the contrast like thought the search of the discharge like thought the search of the discharge like the special special or the search of the temporary to the search of the search of the temporary to the temporary the tem

Jeffrey Grygny Delice DO



You always come back to the basics.



LAMBADAMIZNG CUTURE

By Craig Bromberg

I was mare! to be a supreme moment in Amment popular culture in Oncer night his would welcome an international authorise in more than 25 miles horses to an Ammenta receivable. Dicebeses were shiftened ascund the world, and through the mappe of seatilities forthwising, the entire world could perhapsion on Amenical and all authorise Arms, Charles Haston Ammenta and an Amenica the action of the Courses Arms, Charles Haston and and a standards by the monacros the documentaring of the amenican by the course of the cours

standing by to amounce the documentary wanted Cecar heat Bits Cyrisial walked how Heaton fall shar his 7,000-mile pumper at the land of the perspective for resety to dance the introduction. The land of the perspective for manted Heaton, magnetizationing the word. "Leaff over say it, much less dance it." Leaff over Just list year, the would have been

Justi field year, one would have been headpressed for find mirrors with thought, the elabition song performed by a group of mostly Berngelsee musicions and packaged by the Franchinan as a Bratism stance orace would become a restricted pop primorieran. But will be sluming success of "Limitoda", no one will over again doubt (pichall perpla burgottering power.

Übbel (popular dultur-med leid in men wijke dim seb bil ein erfem philisodity of mindral and lacthologies waht invented overnight füh gleibel pop deliterate in die systemed merkomi, compagnit pit bei beimenfel di infamiterial imanufactiving lo coptation on inter stemating vocaciones fin merkohing existing in dischalaration of Menteet: Weldergenist communitation of Menteet: Weldergenist communitation and tiwel pound the same constant dismitiation of modern possibiles und in the hand of modern possibiles und in the handle

easing "Individuosian" or weeken-Weignergood commandation and swell pound the same contest distribution of common control and the same contest of common control and common common work. In this levery standards and to clean and enternam Modernity and only the with bull also the weignergood only the with bull also the weignergood only the with bull also the weigner only the with bull also the weigner only the with bull also the weigner with privation passes on a religious to to across a standard and a service of the modernia and a service of the service of the modernia subsidies and heritages.

the world. the more corp

opportunities to achieve a global social by jearsharding that proads it inch only as the worst shrinks for consumes, in a becoming bugget for the intense tional conglomation, which, flustrics the quotienting pace of travel and commissionistics in the hash many more consumers for the based adequitered — not only in they trave. Plans, and Edyp but also in the disk parts.

Such theriving shallowly common among manufactures of assortication, dishwallowns (a) salor collect, dishwallowns (a) salor collect, and a) on all shallowns (a) by a and a) on all shallowns (b) by and (b) and (b) assortion (b) as on the salor collect, as and (b) as for the common of the among product theough and the world, changing only connectines) packages (b) as the demands of dishring related to the open of the salor collection of the demands of dishring related specified to provide the collection of the co

per.

Are we producing a single world culture?

produced in worldede quantities, can be said at lower cost To these compaines the world is a largie entity in which consumming surpointer world the same things, no matter hav tich or poor their countries may be. Tales for countries a globally marketed.

and produced product is extra classification of the control of the

troody satellated to the control of the factor exercises. These may be series haden films, for example, that are popular in Control Brisan South Africa. Also, and pockets of the United States, and proceeds the United States, and proceeds on the United States, and procedure of the United States, and

A serial potentin can be duals in the time to be duals in the time to be a spiriturity success to the time to be a spiriturity success to the time to be a spiriturity success spiriturity success works outputs much less in the valid duals in misepholics. There are some fashers that on dauged from the start safeting that one time to be serial fashers that one dauged from the start fashers that one dauged from the start fashers that one should be a fasher and the Soviet Livino as well as fasher and the fasher time that the start part of the start of the start part of

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markets domand

People everywhere now want—or at least believe they need—democracy, computers, jazz, pizza, faxes, Walkmen, cars, and popular music.

In pop music, however the situation is somewhat different Just a few years ago when the critical tom-forms sharked sourcing or all being the based from the sharked sourcing for all being the situation of the situation of the sharked so that is and failing the sead of based sharked so the sharked so the sharked so the sharked sharked so the sharked sharked so the sharked s

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If through a global blendy of advanced synthesizes and Persist production of bachingsian it is the president high-risch melangua, a stamp stems of polythyrhms and horn rife. But a dead strenger, the A rifelia, and history, where south is a seep for Kassaw to common service of measure audiomore thing of the search companies to all up and poly attention. Classif in plocation may were the more classiful injections may were the next man and David figure or cossing from in the production of the service may be serviced to the service production of the service production of

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countries Moreover into fal technology

and Morroptic telephone lines-already

in place throughout Japan, much of

the United States and Europe — make possible revery instantaneous transmisson with life or no appreciable loss of tidelity

Richrology has also helped spread piblish pop of his playbook stoge. After all who needs an expensive stemo displayer when everyone can own an indepensive Walkman or portable compact deep player? But even has devices are doorned.

As the benefitied of bisospic submission groups were and week, we will also groups with a first week of an extra submission of the submiss

Welderner, care, and popular make Dopale has been inhoppened, and se Markel Corbatcher has sinsely burst and Corbatcher has sinsely burst by sealed when it housands of discrete consegrage on Talestermon Squares arranged to get her need to and from the Well set face-commit facion now. This good to getter make the and for the Well set face-commit facion now. This good to gettermonis paid as if obesit for page cultiva. Of count, there well always be Of count, there well always be on the set of the well's make years to be not port the Antata's Well they were.

Of course, three washings be repayagers. Do the scattered presents and tribes of the weeks make itself to be on top of the charter Will they ever miss not fraving treated of Mill sharific New Kals on the Backer (Mod defined) not.) What the convergence of global desires lead to a base of individuality, the homogenization of identify as well as of markets? My door, well all be lainfoodstimissed. Heldory, however, shows the not to be

History, however, strows that not to bine. As Chris May and Chris Sapsison authors of African AR-Sans write. "Sinc the 1809s, the forms that have had this begast mast in Africa have all come from there in the first place. callypso, regges, and most agnificantly.

numbe. Today's funk and electro music are the latest in a long line of musics that own their basic thrust to Africa." Global pop may only render back to Africa what, in fact, has long been

So watch out, world Global pop will not be stopped. Unless, of course, Charlion Heston messes up his lines of Occar night next year DO



X-RAY VISIONARY

STARS

By T.A. Heppenhemer

action wanted them—ere of a autoriment working on date from the IEEE of the second of the second of the IEEE of the second of the second of the IEEE of the IEEE of the IEEE of the 2 500 stages of observations from the increasing of these themselves of the increasing of the the second of the increasing of the observations of the increasing of the increasing of the increasing of increasing of the increasing of increasing of the increasing increasing of the increasing inc

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company programmer turner humans, gambled on the tapper "It would have listen at least a year with our did computers to do the job" says Elver. With our new system, the process took about three morths? Within those types morths the Diamer.

With those their months the blanch invested, state barrie into locus investing the surprises topped for by the attraction—course I, 100 and formit. X my sources. Their suspects that 300 in hour may have been seen by IMEAO 2 in provious observations. That lieses 200 basely uniformen objects orniting X age in their night skeen. What are they? I wan I have, "obje. What are they?" I wan I have, "obje.

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Sky scraper Maron Elvis found galaxies when he raked through throwsway data is. Own

WEIGHING ANCHORS

By John Rubin

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suggestive offset," Kahreman says Stroet then synchologists have not ed similar results in very different satroes, from contrasting the fellenthesis or rusches wer to escenaring the value of rusches wer to escenaring the value of rusches wer to escenaring the value of secondary transform number reflects a deep test stated how people solds deep test stated how people solds deep test stated how people solds above the sold of the sold of the lathrener's congretal escaled of the sart seatment was that people in an estimate by stated with the number of the wheel then estigating all until it.

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5.8.7.8.6.7.5.6.4.9.3.8.2.1. The average answer is 2.750, compared with \$12 at 4.8.5.8.4.7.8.0 to selve the procision, people insert to multiply the 1.1st fear numbers and then adjust upward from their Those with or adjust upward from the process of the self-gain number than those who see 1 at 2.9.3 and so ond up with a larger continues that these districts of the continues that the continu

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But more important subspects actual performance were in a series preformance were in a series predicted portion arrows the series of the serie

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BALLHIGH TECH

ARTIFICIAL INTELLIGENCE By Dougles Starr

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Battar, a vocano in Beli il a whrarobod men skides a computer mouse across the floor. He is ulera Cole, high press of the sales Down Caru. What he sees on the acroen makes the embed in Dempasar, Belia capital, a government agronomest mush to same program. The simulation joils him. Both men are looking of a computer.

Both main are looking on a compount smallation of the Botheries are once physicised by a haam at the University of Bourbon of Californa (USC), the mape entables them to mampulate parameters such as marked and patient grows entables them to mampulate parameters such as marked and patient grows entables them to expose will respond The USC effects a teading them to a surrorising conclusion. Over the long form, Devi Dennis guidence helps farmars grown rice many eliboratry than modelm agrouptural theory.

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The simulation is a triumph of making

Mary technic obtermine windshire in a crow will grow, noblaing narvial, the shan of nop, planting pagetime, and pagetime the completance with of opuses and effocts. The cognem, developed by USC ecological James Kromer and authropological. Stop on Londing, uses both scientific productional pagnoscore to match these causes with their possible efforts and the resulting yell of noe. "Eco." in the hands of the people who need them," says Kreme, who is responsible for the program named 7ha Goodsies and The Computer. The softwarm's field, sert in fills's use the final chapter of an arrivormental story that began in the certy Eightee, when Lamang feat wated the saland. He

was aboying come of the thousends of an emiliary partial from the control of an emiliary partial from the control of an emiliary partial from the the control of an earlier from the the control of an earlier from the control of an earlier from the control of an emiliary partial of emiliary from the control of an emiliary from a format warrand to determine a first from a format warrand of the control of the co

on, ensuring that all termore used water oppositively. The uppermiset temple sal near Dowl Danuilli home: e liske in an exanct volcario crater. In that fample lived the

Basic divinition. The gods must be lary

in high priest Jano Gole, who managed the impaint of the sized on a whole AI to permanent to our center to their dismension of the sized on the sound designate each subject to be seen son. "In most operation in overcode of your to state," says I carriery "the im Ball it is a religious matter."

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CONTINUED ON PASS 98

PRINTING ERRORS?

BODY

By Joel Davis

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pounds onlied methyl groups attach to a specific sustant of a gene Methyl groups are known to and as control segorars on some nermal genes effice having determining whates they get amend on or of thump feet ole-septement Characterials believe that methylasis may play a smissi role in impairing come classes general.

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passed down active copies to their descandants. Paternal copies of the largin gene Leder theorized, were somehow imprinted and activised by blochemical process.

screency internets and survivous by a bochemical process.

Geneticate are now asulying imprinting in furnit detection such as Huntington a chrona (a deponential may be a controlled or a may be a controlled or a talky of cancers. They now believe froil interneting explains why some timesals sinke caster and more severely when

wheeled from the pasiends father, while chans are more calculational when he moher operations the dehabitive gene. Author hist, professor of mention gene. Author hist, professor of father Countries, or Carrodis operations in Countries, or Carrodis operations the respective of a crisical stage in he formation of garm colls, the appealated predictions or side that grow into operation of garm colls, the professor of the countries of the countries for operating meales and eggs in females. "Corre process trives trice in the testing or commission of contributions to be the commission of the contribution of the testing or contribution of the countries."

stamped for expression or nonexpression," she says.

For certain pairs of genes therefore, the letters gene will have the potential to be active, while the corresponding copy from the mother will not

copy tion in create was loading and antibonal disease logical break leave and antibonal disease logical break leave and disease logical break leave and the second leaves and leaves leaves and leaves leaves and leaves le



Stotogy is dealiny. Why two kids with the same faulty gone can have different diseases.

SOMETHING NEW UNDER THE SUN

SPACE

By C. L. Hauswald

y the year 2030, solar-power satellities could satisfy most of the world's energy needs, ment arguebly the prestoal and posterior engineering challengs over, but warn cioliars just to begin building," says Professor Charles Owen, director of that a still cheep porrpared with the

between now and 2000 will grow by 6,000 gigawats. The will require the spiny specific corports like Peter E. Classfor Arthur D. Little, Inc., an international advantages over planet-bound power

plants, says Glaser First, the relatively reopensive antennes used to receive microwaysis would cerrrit the alectrocontributors to the greenhouse effect

Phonococ (after the incomplary back that roos anew from to ashes) Solar cells



alumnium for atrictures," says Owen Although this plan a emption some in the space establishment ballove it to be valuable even if its Such a creative project needs to be station, who is familiar with Dwon's work. "We can etarl with ideas that

would cover the satellite's large twin

diameter, in the middle of a pentral shaft,

conducting magneto storage systems

But less sanguine space watchers, such as John Pilos, asspours director American Scientists in Washington, feel that aglar-cover satelite advocates hove yet to fane franci reality. Save Piec. These satellitas are a high-risk highcost energy potion, pomparable in taxing of risks, bonefits, and feasibility, \$100 million a year is given to fusion research and nothing is allocated to people pan show you a development annual basis—one in which you laarn the shalow and of the cool, while the solar satel its people want us to go right

nto the deap end-and off the high



bits from the piper Growing factory (top), key to solar power satellites (middle).

DANGEROUS LIAISONS?

EARTH

By Kimberly French

the pilgrimage begins each mission not to fish or explore distant If the voyagers are lucky, they'll get more than a glimpse of the earth a

approaches the beats, playing used by scientists for identification posen, known as a toptopol. "When people go out and get next to a whale. there's nothing to compare it to," says dant of the Long Torm Research

Engrand, California, Hawaii, and Alas ks, where whele watching has been elevisted from a pestime of risture buffs About 75 operators, some boseting saveral boats, now crowd the waters

sheer volume of sympathetic veryerstons, must spend a significant chunk that make up their clet. Pursuing boats, aphlings, interrupt feeding, force the able calonss, and distract them from mating, argues Dorothy Sparo, director

whites permanently—some of which

OMN

rely on song: to find other marribars of damage the fibers in their ears, making tham deal," she explains. "If whelee are

that it could influence their population f they cen't communicate " Nins Young of the Certier for Marine Conservation, who has worked as a neturalist abound whale-watching yes ing growing pains. Twenty-five parcent of nght whate mortality is caused by parcent of whales show prope for score But she leve the blome for many

People know I they follow a whalewatch boat, they re going to get a chance to see animals," she says. "The problem is they don't know how to whale songs have been popularized by

there who have no idea of how to act assund a whole " he related. "Some fool had his picture taken running along

Increcable soggests much our Playres

and Young turn out to be ardent fans of whale watching. They argue that the public interset promoted by the industry does far more good than harm. Pavne was once sure that whale watchers and developing coast near Puerto Madryn. population began to increase. Playne

heavy boating area to breed. He plans Other research falls to link increased whole watching with a decline in Knew, a beliegest at the New England since 1981, with 8 to 15 born per year among the 250 identified wholes

hearing. Whales tend to communicate propeters are at higher frequencies." Young nave. "We readly don't know what a boot engine sounds like to a whale." Currently the Manne Marrimal Protection Act prohibits harasament of whales Participents in a 1969

panderwince to draw up more etringent regulations have suggested an epproach distance, recommending a rufflar more of above 100 yards. Three regions—the states of Massachusette and Hawas, and the national park in stiffer regulations on the hories al Manne Fishenes Service officials

have written more than 20 hideats to and private boaters alike. "Wire to the point," says Young, "where we really are loving these arrmals to death "DO

LICENSE TO FILL

COMPETITION

By Scot Morns

in finally save the ultimate unaway location plant to con- naturally location plant to con- naturally but when made if society on polindrome five lotters result the same not only or polindrome five lotters result the same natural last-right symmetry—a. i. o. and when which comes phase result the same in a mener and its security location. The boome matry lastes operated us.

The boom in varify plates point four is on in making by point four is to our invalent by the point four is the point of the point of the plate with a piper with on appropriate long other size and of cert and four appropriate long other size and of cert and other size and othe

Here is a chart learner plate puzzle to get your thoughts in gear (answers at end of column)

1. What celebrity actually have the horse plate ALAN AS?
2. A reacted once reported that he

was following a labil-field Williamsgare and noticed a final to home plate. Will was He have been plate. Will was He have be longuare and west it. Occasion means supergraph ower and over Questions What least through the hard over Questions What least through the hard was the had seen platent write to say that at had seen platent write to say that at had seen platent with Anderson platent was probably and other occurred the means was probably a doctor, possibly an olderplate, when the realized that you had to weed the beame plate after you.

4. What celebrity might have the flooring place socious?

S. Who would you expect to be driving with plates that read on In?

COMPETITION ASO.

Our Mindh composition, announce lest duraway, look us to the end of our hinds and Dischorary, a book we'been compling since 1982. This composition completes the alphanes, with observations by words beginning with the others. I had distributed by we're all the second of the second o

Geoveral readers had destinated entrace. Once we see the oversions of the New York of the Control of the Control Vegesal and destinated and the Control of the Control of the See American for a pick, or market here operation of the Control of

your frage with a harmore. What follows is the best of the rost. Readers were allowed to submit up to three node/fraction pair car! We give price preference to enternal with rise original tools. The grand price winner roceved \$100, and mine unitarity up to \$50 each. All the winners will receive copies of 7th Need Sook of Cotto Gartes.

GENNO PRIZE-WINNUER.

Thryele a bot red
Window-shopper - store gazer
- A Goyetle, Missaukoe
HUNNERS-UP
Tuness - lorgetting the names of sonor.

Vertigo = what people solved every time Houd in disappeared Wiffle ball = a holey roller —T Thomson, Montreal, Quebec Zesiot = to sleep frequently Toward = a pediatrial's section of broods!

Morece Whithern Salem, OR Xuaniframen - elift panally for whichevold Townshop zone - the option underneam a lisen mover - Chody Flaugher, Racietti, KY

Tivade = scronty's revenge —Stephen Therroson, Mansapolis Thursblack = to change direction while to historiaking

o historisking
Veneti = whet Bostomens finish functure with
d Votrezo = look practoed by the figure

Thermotor – buildighter who uses a nutcracker and abilitrather than a cap and world.

Micro ton – all purpose club for gotter who can't departe which it is to use to demany. But, and Japan

A Seignath — a campet wear pattern that amerges after your remote control to breake down — Jerremy Websi. Historicok, TX Wanut — a computative spackter. — On Cleany, Brentwood, NY 16. Lhuguay — a pritual leader from p.g.

Letin Amorico.

—Bob Vnegerd, Chron Hills, CA
ANSWERS

1. Learence Walk
2. To solve this one you have to say

If they and it sources the "Tim leth. I make "I the makes you think of the settlem". If the makes you think of the settlem" for a very visportant date, if they you know to come them Allow on their streams reached by the White Rabbit. And thereis the solution, their latermodel. Vicinwagen Rabbit was write.

3. The nucle was an insize. When you read the make of the vehicle time, it is caused think in a means fellowed by a bisosing issuard connect?

4. Steve March.

 Probably an ophthalmologist—a doctor "for eyes" DO

FASHION

ARTS

By Joni Millor

Invike of pop backware as a treaserbrame is paint of spit backmare waste appaced on which the apphasmoal maceds the observed and givine choosed up in other words, in the form it will take you to read this article. The backmar of the morriert will have changed but in the less assessment on the properties of the properties of the properties of the popviews attribute is every thing, there is a load one of the Me and both a sit load one to the Me and both with maceduce down throw presumed with maceduce down throw presumed within the sit throw in the design.

with resupcible down shore; ensured with play shreen in the display! White pag desergions seem to stirt what pag desergions seem to stirt was shall be a madage, surpressibilities way, they seem I seem glability? What is expose, castle-in-played to supply a store of supply a store of supply and the hoppits of busphan heads countries all visitings with the winds of posterior short with the soft barriers to granter that the supply and the supply should writing with the book former than the supply of the supply and the supply should write the supply should be supply the supply should be supply that the supply should be supply should be supply that the supply should be supply should be supply that the supply should be supply that the supply should be supply should be supplyed to the supplyed t

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movement is the "bost of the American poyche with all its formacy exploration and love of individuality says Julio Data owner of Julio Amsians Gallery in New York City Germents are crafted from found disposal such as amount basis, waspo of fathic, or miscellameduli bits of warrying franchism—key rings.

Hand partiest all strash desease well flowing applies, desease contracted or most remarked paper pace tags or computer orizont boeters make of hard-embedinast leathers. Intitled costs incorporating lines of postly revolved between Christias, or Natio—Inner assometimes are obsolicits, victim more lately to first the strategies of the strategies of the district strategies of the area in a stategies of the strategies and the strategies of the strategies and the strategies of the strategies and the strategies are strategies and are strategies and and are strategies an

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Watchcose, a 35:000 sequent-fect store that first general dis done to both in the heppes and of the dip and army surprus. "The Nanctes is global," in easy, waving a hand at an office that is an extracted witing. For the peet two years, Pusicacia has been propering to the Lubro of pop tashion. Traveling is and dut of the Leathern bloom, been reposited of truch.

station Traveling is and out of the Leadern Have high enginesis of the Cogenium rolled of pre-glassical 25° God personal rolled of pre-glassical station out the Sevent out of the Cocurt of the Cocurt of the Cocurt of the Cotac on the Cotac on the Cotac of the Co-tac of the

Other street/pop feathorns you can appect to see more of in the future include thosical awaisafets and prixets wege in natural and not so instant copies flower-child platform stress and sother messages on own-ything from Taltisis (were on Jumin-view or control) to bitking tottoms (sew our etilistical from the proper on clothing and appears on the control of profit and the control of the control o

innahers even harry poole. New as in the paid good fairfinn is stored standard out from the chard and being a region secretary. We have the chard and being a region secretary. We be relief to secretary is not statisfy specificall in a culture that promistes uniformly and estimates and the first properties and estimates and of the first crossive extension to the first crossive extension.

or figuratively DO



Coming your Melica of Soviet street fashion



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Brookley, Bridge, Andy Wortrol is Composite soup carn of vidcases gain from Mount St. Helensy? No way, resourcing to Steven Honry Modelf, exception of any of Arinway. The Well is retailly different Permise point add on it to votce free disappressed of the policial system. The says: "The Well is large and tagge reserving, which is being assistant and the property of the party or the Well, it begans a media mappe-pop out," if The selfman

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Fither and Batton kinds in tetrine and crossless, with a lowcut bodice and growly ceresized actings. Timos regists ashigh pressures over the labilitization portificial protinger, as the Borish Wall pro-cultural **Of course, "and and "Sophie knethes, and P. F. Flyers, and brain issuerkraw, from the Lankfurk vardor, the Sid part of at, harvey. When you buy a proce of the Wall you've buying their freedom." The is tast after times lowed to discond on the Wall, to see this

Trice, would you buy a pece of the Wal? She passed "I might, but if give it away ammediately." And with that, the said. "Armen" And with that, I think I got it Buy a pece of the Wall, haid it, and pass it on—STEVEN SCOTT SMITH

Streen Soot Smith conceived and codificated Closer Their Ever, incursal playing at the Cherry Line Theater in New York City. He is controlly at work on a cover.



cocker speniel, much less a fortuming, swooping, and



from the black, above much is

ade to Albuquerous to tonsays 3,000 pounds of sand

Others in the oil business



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Secre concentrally by the -- Bulgerian Proverb

Metropolitan State College in

unapuely 'clean' There will

-Peoply Noonan

CONTINUUM



The poor coeleganth (see for millions of years until one turned us in 1908, is now at csf wrongle Japonese reradion to conturn a cost location of Manne Science in

-George Nobbe

PA LIMITE





plants surpeon often the op-

-Sherry Baker

DIRE OF THE VANITIES Plasto surgery elementes

rhading," Morrow says "That means there's vehality no

to simply this software

-- Dil Lawren



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CALL WAITING

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Other person was walling to

other primates. You need a he says. We see the same fring with animals, like banearby" - Sherry Baker

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campus, resert a blank disc-

— Zhomas Масацёя



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dents was any of 35 software.

To dissolve silver Drop the metal in a bemboo tube, ack

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With rown say danking mercury

work identified the types of used in the original recipes addition, he has suggessfully

eration, cotoned dies and

Glidwell The range is called fertextic "-- Fitta K. Quutren

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Don't buy anything that

CONTINUUUM

Historians have long its

1789, personnts were on the

Dut Judith A. Miller, an as-



ton, disposes with Motors THIS PLACE IS REALLY

at the University of California Shorry Baker



Thank Dad for being more proud than angry.



Ultimately, there's Black.

ROCK ST THE FU

Techno-wizards the world over: an island rhythm, synthesize, and

you've not yourself a his PAINTING BY THIERRY THOMPSON the crush will allow With pale fects.

ARTICLE Phil Oskry, Human League. "Musicians now have a light outler. Throps can get exciting I see a liuge expansion." get exciting I sale it rings expenses. Garry Christian, The Christians: "buth it expentmenting again, there's a vibrancy, that energy of the Socies" Jim Kerr, Simple Minds: "The music ninc, being cynical, says, 'Rock and roll is dead. It's been done." I don' believe if a dead. It's just grown up Pete Townsherd, rock star guru, of The Who: "The search for a definition is

over. Rock now means establishment The audience has become for broads wider, younger, o'dor-all at the same time. We need new names. We

shappy clatines, lead-heavy books of the British working class, the crowd of young, sitnest exclusively male, full of beer, embession, and whealthy when to accound here as bloody freedomissis Singleg, shouting, lets rate of, those glowing lead whole on the refrozted light. Mencheder bands and football clubs local support, northerners an' all that I like Mondays. They sing about death doorn, and despondency." He laughs Props we're all depressive up here like

dozen of the bein bunding togeth er hauf all and with pains, shoulders and all their math, showe an entire block all bodies toward the wall in a bone. It is an urport, powerful, volatile

event, a rack concert at International III. Mary haster's more risks, and Happy Mondays are playing hard for their and. Eke marry of his motion, a Manchester our factball (soccer) badge Uponding a Pile, he says, "I like a lot o"

to be follower: a band like Mandays. Given record events in Britain, this nower's emotion-filled sparte can be easily compared with the watert me-less in English football stackums In fact, the scenics of sixty dangers and similarities communal energy, rough ness, and rebellion. Britain's rigid class. boundaines and economic polarization propel kids into seeking the simcel tribal sense of optimization in a power available only at a football match

years ago, when four working class blokes from the back streets of Liver gool electrified the nation and the world, the current climate of social and including Happy Mondays, The Chris-tians, Scone Roses, The Welerboys,

Huppy Mondays, their following, and the score of the International II ratio-mice what's happiring today in rock-and roll in the UK. And in the future? II what's going down now is a biscenster, rock and roll probably will happen outside of London in the north, in depressed cities like Manchester. The out bands with fanatical hometown



ROCK STARS ARE ARCHITECTS OF MODERN FAIRY TALES.

blowing wild party of the degration and other littings distail. There is borned will produce records on the bands will produce records on the war adopted party on produce trades and good poly on produce trades consistent such Manchamiers 1 (apper Freinh Fischel). And was consistent to the continue to pass the seconds, more here and with the officials, and sees what domes out warded recording options, datus chances, and one-personal sees self-up part trade, party large seems output party took particility and chances, and one-personal sees self-up part trade, party seems output to the party seems output to the

tack, if the present trend continues, you could become a rack ster and not know any music. Most important, however, when acked about the future of their cast, Bittsen's much dedicated, talented, and videbiling resistants don't bitte or much. shoul what music will sound like, this labors what it will do. Phistology nor adays that no one will fall for rock at rail's previous partners of university poace. Ever, and happeness, music reast hope not well some as on of york leaten, offering snawners and bit of hope—for a new generation of

kop: Stowers to Summire toury scringinal legislation, is the dole, or simple lonaliness oping technology, an independ sic industry, a silmining world, et in dive strate. The onese or origin russianom in the Mayetter is ountial to the lives of the lode.

control to the lives of the kids at the concerts.
"We've actually fallen into a kind in leg tucked under him, stold, setlarved, immobili mally, occept for hands—which may fly up who the wentext, or settle in an impresiof grayer before his chest, or

is declined, or settle in its impression of major before his chest, is man of major before his chest, is major into possible to be purchasted in writing with a lifet air guider. Ow the years the installer his mislower and gottern is but were. "Musccan and their music have to his properior unition by compress, and if the gaing toquere tentralistic countage." he says whether the properior do not be defended to the defended to

recard survey questioning British sagers about their ambitions



(page 46, tot) bad band you have heard-in-way Or The Ci (top middle), a soul band "M. coming back," tans" keyboas letery Pheatmally need a lot melody making Makes sense ast have heard groups What is

groupe what applied at a particular remainst this remainst this remainst this remainst the first think remainst effects how one world and reapplet, it was and so a different sound about in England, unfalu in the States, poste radio statems—they realized—thouse to push the fuster sounds, from rane grower to house to region. Each 1055-744 managed by Goroon Mao Parti. Buster do or many.



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A WORKING-CLASS BLOKE CAN MAKE A HIT RECORD

Hollin Compbell, UB40: "The infi





Seventes-it was called Care in 1992, and techno Clokery. We wanted to

diets Order's diverges mo," says lead anger Jim

antigoral "DC





They didn't used to call Louisville the Mile High the old West End. One were just dry limeover was slow and a

when I rolled into Louisville from Indi- my cab Imagine how much space garge it was too much trouble to dig but I must have felt sorry for this led I a famel shirt out of the back, so I was an hour south and east of Louis-

would give if to Janes or one of the girls later-they wear them like nightgowns - and offed on out of these

nine of which I already



THE

AND HE WAS TAKING ME WITH HIM and perched on the uses of built the K-J three times and lover Rat Mountain," he said

the robot trein," he said

when I saw him standing in à black garbage bag for a raincost, and I forward, what the hell He looked more than a

we run. I just benefy polled mating the couldn't have had greaty blond hav ted

hed "hand-me-down" written

the seed until I reward the CDs. were just through breaking in off the less t into my own his. The third set of serves Pasand dumped them into the lib, you just throw every meter in the olive compan-

ment, I closed it "Was out there" he said I hadn't picked him up for coning miself at his age. Sween

Appreciate your stopping," he said ticulated, with a Kobo-John that engines used to heve beplastic mile, cause they don't

d it was the most natural The kid told me his reame thing in the world, but if but I forgot it. "They call me CD," I said I popped out

go up the cogway to Hazard. 'Well, there it is," he said ville he probably height. And

most folia ever see Since it's was Listen, I knew this kid He was me furly years ago than ten miles away. We chester bypass sust east of T'm oping up to Hazerd.

wall of logs and trash and ways there at eleven thou-"Guess you're going on Orchard leader road, which tolBereal where the wid easies of to a little loss than forty-five clocrees. There were line next to a stream choked with old name. Lots of these new rivers don't

have names I wanched him walking up and down unpulled in behind me. Gravy Push came by in his velow aligher to gap my ticker.

"Going up top?" he asked "Watch out, CD, lobetors got Serviers yesterday This is his standard loke 1 don t lobster anymore and he knows it

rust as I was flagged to the approach garbage bag in the truck, and it roms about as hard under the board shed as ractacle of it. When I was his one I had

lows the front twenty miles south and days. I let the flagman wait while I learned up over the sept and fethed a dry spare parts. The kid pulled off his Thope your pa's expecting you," I and You know you can t go around out-

I been up there was at he said never stops, and there is a certain those to macking on. The ramp is concrete but it's cracked and crazy bled, and there's only one stretch where you can make enough speed for a hitch. If you mes,

been doing this run for twelve years "Peca of candy?" The kid haks out a Colle ber, but since it looked like his on It was peting dark. Magged on, I let the big old K-J idlo. With the truck apped almost streight up, it's better to

If a long rate up the western front noisy, fourteen miles of equesiums, ret trucks coming down [Iven in the dark I even the up-and-backs, or yoyos as we the trees-plus whatever else rolled

in the woods, but I never see them. der it will hold, and even if it does, what ery once in a while the chain hable up. hoolang at the Hazard end, or maybe the

there to be wind, and you reakes you're I popped in some Carl Perkins, the old han uplited, helped by the weight of the and managed to mostly close my eyes Then here carrie the clouds, shows & overy hour or so to moke ourn & hazin t

> they loosen up as the mounten levels of a little and the cogway ands. All of a sustden there's noise and lights all around haufed up wrice the Molft naturally. oad load up whatever's contracted that can't wait from weeks for a backers the other Flat Toppers come in-trucks. that go all the way over Flat Mountain

I figured the roundabout was where the kid's dad worked, since there's a lot of hand labor involved loading and ungy the trucks through the line for a law bucks while the drivers are siting in the Bellow Belle. This is berely a living they sleep in a pressure shed behind "This must be the place." I said



hoosecuate the ride mister" CD." I said He signed to open the articox and I said. Whos Aren't you forgetting something? He knowed back at me, scared, and

silarted to unbutton the shirt I said. "But you can't go around up have without breath spray You're a mile highspeaked his throat with C-Level and told

Carrying his plastic bag he hurried I drove across the lot to the Bellow the drivers call it the Ban Balo It sort artocked and the revolving door some and hamburger steam. Hiszard can use

wondered if the kid a dad knew he ing to Dallos to see my dad, who was a police officer. If you don't be people will

Flat Toppers lend to sit together. "How's the weather down under CD?" asis bacis. That's our standard joke, be-

of Flat Mountain. You gan't have wealth and the girls again I was already too be my ket chance until I got back from what it was figuring I knew about Mine-Charlotte, since satellite calls over the

If was aut after michight and I was getrevolving door, running a bloody nose shook his head. He sat down focieng at already eaten, and arted Nor I chigh't

went one of them. That's the way you have to do if with a kid like that I guess you better head back to the roundsbout and catch a nide back mother had got married and moved out of Louvyille. He claimed his dad had

where his grandma lived I dign't believe that for a minute. He showed me the same folded up ten fid seen him looking at on the cogway I said, "Insurance won't let me carry

The fact is, no Flat Topper's insured. Not because it's dangerous, though it can state anymore. It's not actuarily part of

the world, my insurance man says.

He took a velow piece of paper from his When I was his age, and I was hitch pay from St. Louis proked me up. He tried to unfold my ten so he wouldn't see

€Too high to fly ower too thick to Flat Mountain has split up a lot of families.

It's not like it's an ocean that took a million years to form 9

care. And he lold me to out it in my in your watch pocket. He bought my ments across Missoun and Okishoma. resummed it "managolis" bles are securalt musover, too trick to tunnel through. Flat Mountain has sold up a lot of families. It's years to form. They say it a given making.

Sower clays, that's all we need The other Flat Toppers had all left. breaking down the Costs Orchard to Lou-What the hell, I found "Livin on." raid "And don't keep your maney in

At first-four thousand five hundred.

the time I had finished letting all but with pounds out of my hass and trading of the coy and fuel in the mection eyatern. You don't need an oversuit down so your nerves into thinking you're breath-

ing I keep a can in my pocket could have helped" fre led said when I go! mo the truck "I know pretty aut and made him slip it on, even if he digin'll want to zip it up. My no is pres-Eve never had an accident, but you now or know. Stuffed with free, he work to

it's noffing but clouds. Flat Mountain's not flat yet and you've riding an eight percontinuent patched together out of allel The theory was that Africa had bumped into the USA a million years ago and folded them up. The Uphti killed polarisano were the writies led siverfrom years ago--unwrinkled when it seen up again twenty years ago. They any it is humming through your strees. Cold fu-

but their of cell is in the reads. The route the velows, running close enough to pertran Black Mourean Carch Mountainely slope, investig in the permanent foo

gear all the way. Twenty miles up and east of Hazard about and the town. This time of the year though it's no sooner noticed and too high to breathe all at the same

she used to ride with me, before the kng in the summer I was recreited to wake up the kid. Re-

hind me and below, in the big mirrors, a sea of clouds stretched two hundred

left ten dollars for him back at the round-



CHANGING CHANNELS

BY RICHARD NALLEY

Future game shows will turn home viewers into contestants. So come on down and spin the wheel PAINTINGS BY STANISLAW FERNANDES







Integrine yourself barring to the televisor set in the Filters or early Stokes and Filters or early Stokes and Gulf Stokes or early Stokes and Gulf Stokes or Early or Market Stokes or early Stokes or early or early or early stokes or early or early early early or early early early mostly fair game. Enhancement of the early mostly fair game. Enhancement of the early early mostly fair game. Enhancement of the early early mostly fair game. Enhancement of the early early mostly fair game. Enhancement of Gulf is early seen white comment of Gulf is never the early game of Gulf is early seen white commen of Gulf is registered.

towelogues as we will be seen what cannot of God's grown earth. Pober Jen earth Pober Jen earth Pober Jen earth Pober Jen grown earth Pober Jen grown earth pober Jen grown earth of the grown earth of the

realism. Parsemper the scars in 46 - Moors? Entoughed convent Eddle Murphy glances in a window and reast a scently cled sanders cancer comsuing on tolevision. Sudderly freedom has belle on a new memoral. "TV has changed," he wisspess. Not everywhere on the cled in heart. On the carrie shows the viewer from the

united by the state of the stat

4.8d day's Fareig Flaud It is easy to magdie mellow retigning up drive in the factrend of the fact of the facttion of the fact of the fact of the fact of the control of the fact of the fact of the control of the fact of the fact of the saced the calms in the early day of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the same of the fact of the same of the fact of the fact of the same of the same of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of the same of the fact of the fact of t

seven years now—as practically a bubb in dispers.

The Phoe is Right hist exhibited consessars to "come on down" in 1956.

Jacquardy gave as first answer in 1964.

Wheel of Fortone the unspectful show to rewink external a cash of down, has been played by the same rules by an erpless arrivers of infection could be.

Says Wheel of Fortune's Sajak. "It's kind of strange that with all the elecsome gargers weeter to use we have the beg clurily wheel and these merually—or Vermally—timed atters. We have made a few cosmetic changes, but the show probably looks as it would have if we were congin in the Solous. Well, in the words of Beb. Dyian, a farniter.

their Dynam, a lamber to the property of the p

work remember what Min was less sworth remember selection. But before we contractive television. But before we contractive television. But before we contract the television and entantial separation of the television and entantial separation to the television and television an

booths, and greaty women.
None creased a greater sensation than The \$56,000 Question which seared to the runter one range stat for the 1955-56 season, beating out such enterteinment juggernauts as: Love Lucy, The Ed Sulkern Show and December Brode.

Newsweek magazine called the game show 'an ingerious wish-fulfildelegant growths busines. Most of the shows that have excluded through has years have also based their appeal on competitiveness, gambles risk, and production to all those stages will of merchanice. People so groede, and to solved in game stone, and to say Alesolvedy, "says Denies Jurines solved with the stone of the solved production of the solved to 1996 or 2000 for the solved to 1996 or 2000 for the solved lettery. People wark to spend a business seed you may be to seed you will be to see the solved t

ictiony recipies want, to spend a busin, and win something.

Game shows leep rules ample on purpose and invite their vewing audiences to feel a bit superior to the aumentimus foundaring confessants on this screen. The game is structured so the viewer almost always figures out the putric hebote the number over?

Sagaki "It's note to set at home and fed arrester than all hoses tog shots on TV". Hall, who did 4 000 oppositions of Let's Makin a "Dest," thinks the appeal of garne shour is had in to the signaring instruct. "You follow new people as they wend their way down the course to voltage or delated. It is the football." You to the processing the set of the course to voltage or delated. It is the football. "You to the processing the set of the course of voltage or delated."

victory or delated its life increase from develop a rooting interest in a beam. Of ocures the games these shows most obsely restorate are usually played in casnos not in stacture, and many with on resump the gentiting blood. Bill B. a spokesman for Gam-

and a contestant himself on High Deam's Concentistive Somany people aming our following have gotton to closed on gene stores? The east. Compositive gametistiss like games. They are very competitive. They even want to best the fold at Mospoly? To the last must be added the first!

very competitive. They even want to be too too be all to look at Monocopy's best to look at Monocopy's level of exhibitorism -even outcrope—out of exhibitorism -even outcrope—out of exhibitorism -even outcrope—out of the patch, the real of have always that be all too the exhibitorism is merely and protes are the lare of the specifight, an incorporation of the charge of the patch of the patch

cied y control of the control of the

yet sometow we find room in our in hearts to embrace them at.

Today upme shows are pitched to in

young audiences on MTV after work audences on the networks, to dioler dayterness on local syndosison. A game after appears on one channel or another witually all morring and afternoon land the lop read shows allows audie the evening news. Some are even

transplants as Bind Date (our Dating Gene) and Call My Bhill (our What's My Line?) The Spansin In El Precio Justo (The Price is Right).
It creat, competitiviments, and with

If groad competencess, and wath Intelligence of the property of the Intelligence of the property of the Intelligence of the property of the Intelligence of the Intelligence of the Intelligence of the Intelligence of Intelligence of the Intelligence of Intelligence Intelligence

ocurse, a TV and a telephone, abore with Nat siles to passe (retainable Country National Passes) (retainable Country National Passes) (retainable Country National Passes) (retainable Pas

not that is semiscost with the TV groups. For freeze of you with other live within rarge of a participating FM share to you find the formation of the properties of the proper

ner ratin the insensione Control list in this withing. If herein plus proce leg on the accollector. When guiz questions are selected in When guiz questions are selected in sever them. Yet up genre such at select and a select file in guid a review from mullegic chaco arrowed on the occus. Just ettite a single key to maker For Wheat of Ecistania youll have to type in the full arrower Your real competition.

The Management of 10th 5.55 7946

OMN

BKIV

could write a novel so rich with new ideas...
so alive with action and suspens ...
so huge and varied in its cast of characters..
and with an endangered heroine called ...

-AKIH

a novel by the author of STARTIDE RISING and THE UPLIFT WAR

fly years from lomorous when a laboratory control dops a smill black hole does not be made a more from the control dops a smill black hole does not be made to control do tumoris di tumority will learn what its control does not be seen and the encompass of the second control does not be seen as the encompass of the second control does not be seen as the encompass of the second control does not be seen as t

A BANTAM HARDCOVER 2





MYTH MAKERS: DRAWING ON THE PAST

PAINTINGS BY MARSHALL ARISMAN



C drebwing men and

beauts into gody creet/ass or angry adventions has long been the stuff of ancient and and myths. Anat Meishell Arisman incorporates sherriesto themso into his art, andowing beauts with the majoral properties of beauts.

For these partitings Animat down on his localization with deer antiers and the protective powers they extend to posseed. Alternawho gree up on a fairte in upstate New York, surrounced by deer, considered, What if

man had entires, morns that sentings and alread ago and thus began these works. People dott severys your his work opportstootly, however.

Some people see these birrigs as tripped in inescapable cages, instead they're meant as impliphors for a load of streaks strength."











Herway Evough completing these paintdimension "During the installion from boyhood to marrhood, the Boox part frem-Id been using Then they piece the musde tassic of their pectorals, and the outer misscles of their upper arms and others, with siones, and weights are hung from their limbs.)

tests are never meant to tall anybolds Just to being you to your own mind—to become as strangthering mind and scirct "Rillad to would be life changing. Though not iteral interpretations of this nivel. The paintings do The bow, are then strong up by two attached to. As we have see the functional dramatic advances.

of man insigning with boast. These images have because part of our collective imagination. their people and release the men" Arismsh is quick. Astalases of human-arimsis leave the pages of Mto contact that one of the conditions for moving info- enabled and become expensions—man-beast hy-

test that deals with your physicality. These



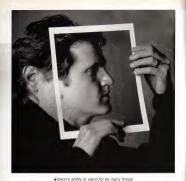
The popular hero of tomorrow may have more faces than Batman and the Joker combined and can manipulate his or her image by staging media events or merely changing clothes

INTERVIEW

Oute I reach for my revolver?" was it Roceter Coolbum? Whoever it was would proband blow his brains out when he heard the word poetsodtice cheap fregracioers Postmodern architecture postmodern art, postmodern

sauce and prickly pears—is But these days more and more decide are understandwhat it means, at least what it looks like Take that building tween a Greek temple and a Quantet hut Please modern labeling that occurs. there's little discussion of what it is. What does postmodthe modern equ? If it isn't.

PHOTOGRAPHS BY DENNIS MANARCHY



simultaneously and to use signs to appeal to different audiences and closk one ideology with another makes him postnodern. 9

e arrong us still, rext to the _popular culture and how they constitute _in the Grand Hotel was culture.

em here among us still, med to the positionism and the parendered is our age owns wind of stack of these waspits and the stack of them with at the stack of them? What does it all mean? When Jim Collins hears the word personal results in the stack of them? He would be a stack of the stack of

Our COUNTY
Coffers experient that until recently cylicides used controlled as with the culls the could the coffers experienced as an experienced as a supplementary as an experienced as a supplementary as an experienced as a supplementary as a supple

in the Grand Hotel was culture and high art. What occurred outside the rived gates of the Grand Hotel was low art it, was mass culture if it was worthy of the C word at all.

C word at all.

Colline is one of the new thinkers who apply these ortifical feculiates for culture in all of the name/outside the culture in all of the name/outside the through the same mind to anniphuring a Barrian a consideration of a Springsteen song or a Joe Dente thin the the close to an furthers for one of the service of a Springsteen song or a Joe Dente thin the the close to an furthers for one of the service of th

suggested? Is pop outure a right wing conspiracy on indeological size areas required and the control of the consciousness of tight is existed things the consciousness of tight is existed the performance of the control of the size that the control of the control of the control of the control of performance of the control of performance of the control of the control

depoperamen of slocal classifies as in note haven share. Codins argues the there is no engle cultume, no dominate outsign the or in sufficially, there are earlier no searl-gasde. The old notes of time and rearning are modell that in longer south. White Collins is ideas may not seen late belts from the time. They are a nation and departural formmanishment creates and may serve as a wide up coil in many software as wide up to the

cal departure from manelectim crisism and may some as a whele p cell to many cultural prostderene. Collete is not just signing that leaving half he subbar hale charged, this slaying that the nutre never evolved. The art the start is best read as faction. That the partition of high culture and its national may be supported by the properties of the week. The Levershay of have Demis is the move of the week.

g known as a sports school But this is an intringing somewhat Diospes the fact that Note Dame is all a major force in the total and basketsel, it's now also a major force in the world of academics thanks to a delarguished complement of a scholars and thinkers like Jim Callins Callins in the second of the proposal of the proposal of the scholars are themselves in the proposal of the second of the scholars are themselves more off in the second of t

control of destroyment of the College of the Colleg

Collins. In the Grand Hotel everything as conflicted by an circular hand for found appeals of culture are subsets of a moster system or restruments in a large eractivation that a being said by which eyes—the dutiniser diseases of years of any are collected or described (versits of any are collected or described to data! with occasion leads of subspot mattheir place" and know what they are supposed to be consuming

posed to be consuming ...

Within his moderned partial [roughly is a 1000-1970], there were destructors between single and outside between set of clinical award-garde and outside between set of clinical award-garde and presyntheg also Otton concerned of as mass cut-he but, this! "everything else" was defined on it series of being outside. The presupplies, position least that overyone knew settlements.

which control and what is in Provincealment organization and consider his large calling disposition for the control and the control and control and the control and control and control and provinceal provinceal control and provinceal provinceal control and provinceal prov

Own Werk on prout for in the print he processed by the region was as a factor was provided by the region of the re

But I'm not as concerned with where we locate the begrenning of the where we locate the begrenning of the whole locate have led to an incognition that possible robust in not a disposable commodity. The overcroses opens a larger questions should when shaped out large exemptions should when shaped to the large control should be shaped to the first parameter of the second of the s



"Folks in these parts are real clannett if you know what I mean it to matter how long you easyed here they'd alreads consider you outsiders."

75 OMV

HOW WOULD YOU KNOW IF SOMEONE STOLE YOUR MIND?

WIN A PRIVATE
SCREENING OF

SCREENING OF

GRAND PRIZE:

A private screening of "Total Recall" for yo and fifty friends in or near your hometown

25 "Total Recall" t-shirts

100 "Yotal Recall" posters

Set in the year 2084 A.O., "Total Recall" stars Amold Schwarzenegger in an exhibitating, futuristic odyssey of self-discovery punctuate with action and suspense.

TOTAL RECALL SWEEPSTAKES OFFICIAL ENTRY FOR INTERPRETATION OF THE PROPERTY OF

ADDRESS.
DITY.
TELEPHONE project area coop.

OFFICIAL BULES .

TOTAL RECALL SWEEPSTAKE



AUTI*MATTER

The state of the s

LIFO LIPOATE

ard's superior, brigier General Roger Ramey, bow retracted the statement, ying the created object was a weather belicon. But purs have accused the Air Force of uncovering a created

postulated by the Germe for UI O Styletes COUTCON in sage Operal of Borren. GUPCO desired of Special eatingsions and its partner. Rown D Randon, a rose with the same styletes of the Styletes of Styletes of Styletes with investigations over the post system. They have also exped the great of Freingle Styletes in their the creat. Though notice of the alloged also declare has yet an one several of the copieal wisescent have street or making softward for the same styletes. The arthresistance is done to destinate to that the declare has a control or more in these to destinate to that the declare control or more in all explanations of discloring the record to the country of the co

incident was extensing outside. The aller was continued to printing police, says Schmett. "Ma Basset was detained uning the search and mother growth of the minutes of the manual to the minutes of the manual term of the minutes of t

tary's version of the to scorecy and stall to scorecy and stall to sering every to by the time we're secondary'.

There are these were their the CUPOD learn is wearn in some "to substantial evidence has ever confirmed in some "to substantial evidence has ever confirmed in proceedings of the promoting of the Committee of the Security I was with the I was proceeding to the Parameter's substantial to substantial to some with evidence, learners of the shart bodes, a proceeding in executable to societies the Powers. Now Miss on, was not the set of the most important bodes (potton and soomthis event of this confuny." Sometic and work of the confunction of the Committee when the Powers is the Committee of the Com

at the ranch throughout 1990. "It is like belong for a new tide in a haystack," says Schwitt. But if there's a chance of finding something, it's worth it."—JEFF GCLOWING









Michael Con All VII.

Well also the color and a dealer of Earth and the color and a dealer of Earth and the Control of Earth and Service of Earth and Servic

Security people toward present and the security and the security sets of years to story, says Polard, but introp surface of years to place do that of manny "Indeed, attempts some entries of University of the security, the origination received in 1978 Congress towards on the Eugenica 1979 Condete Seasopt, colorative very considered in the EU Capital Celliforms, originative of the EU Capital Celliforms, originative of the EU Capital Celliforms, originative or the EU Capital Celliforms, originative originati



adds, on a part of Atlant's that will nee from the sea. Pollard sont so sure "Very interesting," he says, "but I suppose if I be dead and gone by then! If Spager's

Poliari son so sue remaing. In eays, the page of the deat and no by than "It Space; and the second sold second sold second sold second sold second sold second sold second second

*Dreams are not ba they settle nothing * SATURATE LEADING.
According to account

us Oale Tratism, a toerney sporting a T-sint emblazoned with an upsate do couldn's, and mossessin's Salarset. "These accred by swotzed with Balanier pisco a high value on sectice," of the problem; usually hadden, "Tratism cogs. "Nonetheless," he adds, the United Salarset sogs. "Nonetheless," he adds, the United Salarset special certains are made to test price." To the cert, Iranian no To that end, Iranian no To that end, Iranian no mention of the To that end, Iranian no mention of the seal of the s serg tradection rector fleey also forms their parents eagon is full of hypochey." Tyscoby, Trehan orplans, a teen lifting the prolip beocytes, intropued with he occult around ago ourteen and begins to loan recreat in other more redifficial activities.

Indicate in other through madelinate and through states are through through madelinate and through and make through through and make through through and make through thro

beausgable territ to get mo, duding dup status and volvecer. If they believe they next strangy in blood and socust thrush so case mage, they may tun to sachtleby a minute and as humans? He adds that sackle—seen as the ubman sacrifice for Statin doe a grave danger. Totalish enghasions the Overtice of Houstatics of various desert hoppination anytone because of milegia.

varios obeinarie of miligi anyone because of miligi beleds. "Kide are here because of emotional and havional problems that as complicated, compounds or motivated by a deetrux application of occult prinoptics." he says. "Trecolaxis entrops living are out, of cornor."—Shenry Balle

ROCK STARS

tesen of things foreign. "It's breaking World best is turning the British rock establishment on its ear-and turning craze among LK kids and bends for world best as an attempt to recapture

roll—its guts end soul. "Flock links back And Kerr says "I foresee a returning

to rair noots. Whether we therk about it ry" Apporting to Kerr, musto meleng lective memory. Bands in Marchester, says Mondays' agent Bran Tumer, are by Mondays started out as a gong, "a let of basets wardarry about the same axea, "Rycler says. "We were lesening to amoleng dope, and Panking. We could do ther. Tribalism is past of the north-

musa: fell infuse these difficult times

spirit "Rock is good ordertainment, but "Bood art talks about the ora that it's made in, and when music has a real sogal bert, when communicates and ed-

A lot of British musicians are conto, wher a decade of Thatcher, is dying to delve back into simpler, more traditional forms. People are bored with mo-

Prestman, keyboard player for The Christies less computenzed, more bandonerted music. We need more molody meiono. There's nowhere stee to go, so heart and soul If we do that, whole

Stephen Morris, New Order: "The once who will succeed are the ones

who understand technology. You don't need to be musical musicelly a ectual-Marin Rushert's work with the Stranoters and Buzzopoles made him one of

ly suppessful collaboration was back in 982 with Clakey and the Human backed strains of Darwand Dakey's plan-Two "Don't You Want Me. Baby?" most pop began, and rock and roll would nev-

Today Rushert argues that new techented young Bits. 11's always been

equipment design lead to new kinds of must," he says. "It opens up fromendoug creative potential." nology becomes increasingly affordable.

without a big bankrol. Buy the machine. plug it in agin the knobs, see what When the Human League began. Cakey says, 'we didn't know three could make good music ' Mondays' Ryder says. 'The press love us an' that coe we're a 'gustar band. Fuck that

The only reason we use guitars and basses is that's all we could get whold of drum marking we had to no out and steel one." New Ordor's Morris predicts successful stern because the best muand make an apparent happen." The Order "I'm not a musician at all, I'm a debblos" he brazenly admire "We are bands doing, and through our own incommusic's not that deliberate

Townshend's not convinced "What heroffs me when I'm confended with a elso play the cauta;" he says, "I know heart. And I've done it prough times to know when it works and when it closen? work." According to Townshand, it all comes down to the ability to communi page "After you fiddle with your comput er, press the button, and go you have ing one another that you're speaking

One of the most pervasive end some would group, most perrolinus tach. nicties currectly employed in the propess of making records is called sampling in the old days, the rule was if you weren't in the coom you water't on don't even need to be on the planet and Elve can be sampled and patched



into new songs. One British music critic. observed whyly that because of sam-

Here's how sampling works: If for instance, a producer or an artist needs a solid drumbest to add weight to a track. the recording session, he extracts a drum line or sample from, say, an old Handre, and mores them in a totally new song "MIDI (musical instrument digdigital technique by which instruments

speak to one another in their own lanmusco," save Stuart Stremen, an en-Stawman says. For example, if someone please a cardinessory. MIDI records the in-

down the wire to another instrument, which interprets it and can reproduce One of the effects of this Stewman says, in that "I a smale note is played rected." Write the advantages in terms

effects sampling is having on music says. 'Reopte are building up huge sound litrares-ust guter licks, drum rifs, bird songs, whatever " in fact, muwith a specific bend for a specific record had one of the world's great drummers in here.' Stawman says decirring to name names. They didn't want him to in his ability to pound away at those

DUT I IN their Nes. Poten Campbel from UR40 disacress with Stewman. 'Stampling anables you to sampling, musicians are able to re-

cs, buy the retruments, or learn how to kids, parhaps once a gang roating the chine, and uses sampling to make music? Easy-more or less. Find a club to bled your sounds and a lovel following

QUITURE CLUB Through the Sunday right, north Lonmarked doorway flanked on either side ray of wares, sequined gowns, lace Ingene, high-heeled satin pumps—size filled with smoke from hashish-laced dig-

The underground club scene is a major component of London rightlife. Set up on a shoestring in basements, warehouses, or private lists, some of these clubs sell liquor without a license and are poorly vertilated, ignoring fire safety regulations Cay, Snap's deeply, says Capital Radio, but it popped up in the Top 20. Where did it come form? Cay saks. "It started in the clubs. Without the clubs the pop charts would have been berron of a lot of stars. And the



out of underground clubs are the prod-Britain's pop outture grown per exceluse to wage war on the forces of corporate rock. The explosion of incles has had an enormous effect. Musicaste:

he darlings of the indies are cult bands a species pegular to Great Britroots level-usually in depressed north-

The Cure. The Sysths to name a few in fresh, daning cirectons in British rock al following usually based in the group's much as possible the bay-business mu-

worked is New Order, a band that has own Manchester-based Factory label as many people as possible " says Morof chapping off to DM or CBS when a And you'd best consider where you're

music hours to offer them? Tournsheed mentage that the needs of high achool have to look into what was behind shit like Woodstock " he says, "People his voice rises in mock repture-" 'Peace and love, and it wonderba?'

Who, singing. My gutar is my machine. neck of his sir guiter and rattes of a cound "Very mixed-up stuff" He styles his boad. 'And yet, unbelleyeigh Townshend believes rock musicians

olds on up into things like love, secworld hunger, ecology-unbelievebly somusicians are going to shoulder an

enormous degree of responsibility in not force by he says. 'Rock and roll must leach young people how to take

ty that control confurs on them provide a practical means of heiging scend the bleak life of poverty and frustration so many of them face. "In the fuapocalyptic assum-acological and milnary-that we're facing. Townshend rave "At the same time, it must give us can no longer just say, "Howe faith." The diammas of a young Briton conof striviery opportunity, are more then a little roric. 'As communications be-

tical paraces for the paradox "Today, more than ever now I look forward to

The bettle is at the heart of why lide rock concerts. This battle, in which hope is pitted against the forces of sechis quiter and try to do something to

voted," Kery says "It will lift him out of tes localizans 'DO





MATMUC

ly they permanent cloud roof. The clouds are pushed in from the west by form along the west from of Flat Mountain for two thousand miles, from Maine to Abstrace. Pic as beautiful from the loss as it is gloomy from the bottom. The

clouds ale the whole city of Lewington, not to mention Potaturoft and Huntithat noticely remembers prymore, north

ta Lynn. For some resson I like girl singers better up on top clouds are hidden under the bulk of the blue-black. The stars look like chips of pa, too cold to twinkle. It's a hundred be-

twerty-two thousand two fundred. This oves. He dign't say anything for forty

miles and I appropriated that because Flat Mountain there is truly nothing to say. fatter and emptier the higher you go ! shape mappe its les greation must

Labourys play Peary Class, and if you don't know why don't ask

There's no langer a sign of Knooville. eight years of the Units, the constant highmost of it ran into the cracks opening in with 6. All the way in Nastrolle, you could hear the mountain groan. The high top looks scoured, with every prior in a white a long shallow doch filled with

and it can thelp but out your pride into The road across the top of Flat Mountain is straight and the slope is gentle. road logs between old 23 and Intendate they spent smiling steam at the Blue Bells. The log piches are where you

54 Chick

"My ried sold one noce" the kin said. He was looking hard for one, may be thinking I would stop to left it. He Your ded must have swapped or state if of a Flat Topper. I thought to my-

self, since they never wander down as far as Hanard, though I didn't see free He got a hundred dollars. Said they Arrestly the trith is better When the Appalachians uplified, it either proved or you're taking to One fring it proved was that it doesn't take millions of years for ter the Light started, though they weren t

Do you sell them?" the led asked "Lised to "Wander what they gat " the kid part "Wood and glose" At least they say they get place. I've seen them est logs.

6The weather below the western front is always the

same and of course there's no weather on top of Flat Mountain:

there's no weather without an atmosphere 9

log disches off to the side, so he didn't see if I was laterary to Dolly sing "Blue Relay Moumain Box, a song they don't play much anymore, and I almost dich t EMERYS IT STEE TO THE I

"What was that?" the kild says as I throw on the broken. He started zaggests up his oversuit and got two zippers inmmed it was the first time i'd seen him get excited, and I had to leach. He my oversuit appeal up and my mask onf protects your face and earthurs-

You don't want to be getting out " I said I spowed my theost with C-I evel and stiffed the can in my norted "Hand me that Boy Scout hatchet from

white the color of gravestones, and at least theben feet across the class. I many people have. You going to kill #? he asked "It's still flooping Once you crack the shell, they're

dead from decompression, but dying can take all day I hadn't gone looking ked since the puriods is on his side I provided under the truck and approached of the cracks in the shell where my pounds of most under the back, but son Top Mear won t buy job out of the shell. With the hatchet, jumping in. I out. off the one big and four amaler clave I hadn't marked, lossing them under the self away from me, toward the shoulder.

I turned my back on it. After all that acwhich means ifting your mask for a socand I gathered up the claws and I was rack with a bungee cord when, next thing I know, the thing had pulled my kig and tossed 6 away 1 shouldn't ever the boot and was starting that slow rade

loop, each as big as a fencesoost, and reck I reached for but massed the hatchtre, even flough there's no place to

grab it-then I saw two shots crack the labeter's shell. You clor't hear shots in a kid ducking under the truck from the other aide, shooting. Even with the big grower on he hit if these more that you They're the anaporto turbs, I ported of left any breath spray for him. He was ciase enough for me to reach it

Thank God for the Boy Socuts I

claw like a clamp on my leg, dragged he could barely breathe. The fail had tangue and throat had swelled up from decompression. Luckfy, they make a first aid let under the seat. Eve had it used on me and it's bad. It puckers you up like esting a green perammon but if off my boot and stuck if up under the sent When I was sure the kid was brooth-

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To CMN MAGAZINE

DEDIT CASE HOLDESS System over 500 Or man your codes, clearly showing your limeter where he had dropped it. The lobster was gone and the claws I had out off were gone, too, so the whole thing was a words. I ween't surprised. They say

"Well, kip," I said when we were in gear agen, "you sewed did CD's but "Warren" nothing. You get the claws?" der the seat. That's that smell " Land-

lobsters amed like piec on coals until gone. The claw wasn't worth anything because if was tre marked, but I dich't men-All that taking were me out, and the

led too I guess I looked over and saw he was asleep I was in high field On other side of the highway nothing but miles and miles of stone. It's amazing to so long in those little mountains and losve so little sign. Twenty miles farther and the road got steeper going down I had to gear down to low lifth. I popped in Haris servor, and the lad whimpered way he talked it was up here some where-comewhere between eastern Kenom Worse, and eastern Alaberna, Somohills that got universited and raised up world, rubbing their eyes and wondering

Maybe comeday, who knows I read serieng agein, at about a foot and a helf From the edge of the western slope

looks like the edge of a grant bluesand, when there is just enough air to road Fir ahead the sky a not black anymore but dark blue. Then you see it's really the area. And not just a law males of from eighteen miles high. From here you gad see that the water and the air are

The roads down the eastern slope are better, probebly because the highways backs are long-forty fifty mass a suppo Morparitows, Herolesporelle, Bat since the towns are long since gone. At Bat Cave (no bats, no cave) the Hid to look impressed. We were fer enough east and far enough down Flat Mountain



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Citizen participation is arrition) to police offective. ness Doyou care about your neighborhood enough

to help protect 11? The Cass of the Tucson Tin.off. In a particular neighbor-

problem with burglaries and break-ins

Theystartedtalkingtoesch. other about what they could do. They got fed up. About 400 advice. They learned about surwillance. They dot to know their beat officers. Ci-

tizens and police became partners in crime prevention. In just three weeks, 17 glarges went down 50%. And Tueson is only one case

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serviced and loaded I was halfway up partment for my rane malimeter. Of course if was none I posped in Crystal Gaste and had to laum DCI

from Mosthead Cavin Swannish The Carolina Desert is the color of October ed Here on the eastern alope. The yorolled on past and let the hard switchbacks below twenty one thousand five

For a "sun capital" it note dark early towns on Plat Mountain. Wit found Mag

and bought him support I kept remembering the Mexican who bought my meets all the way across Maeven tried to give me a five when he

siways felt asherred of that over since decompression, but his throat was better, good enough for him to eat. He I told the lad to wait in the truck. The reaft broker shook his head when I un-

wrapped fre claw and he saw the tru merks. Too bad. CD ' he seed. I can't "How about for dog food?" I sead end to carve me a five

Magnota was one of those day ular houses, all side. Any one of them.

gethering up his soull in a hum-Means good (uck finding your pa " I

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INTERVIEW

reacher. The Crard Hetal became increasingly difficult to justly although for one of the common state of the common of the common state of the common of the inmass produced, it clean a flood to be avoided. There was a Just say not approach to mass outlane. The world was concerned in binary terms—the authorities and the noutlinero—genume

cized mentions. The presupposition of most theory used to be that mean cuthare is noting but a sea of cutharal depens who all these accepting anything that owner into their haads. Programmad visit the west send of passively, they or incopable of producing any land of muse, but assume in entities expression of any validity. But our standards for what goes not any other and was a kept of the discussion of any six and any six is kept out of the discussion.

Orant: Hasn't pluratism, the availability of various folk cultures from all over helped shatter the distinction between high and love and?

been choose anything see word. If such option is a marker of the control of the prophilatery of the pro
philatery of the philatery of the pro
philatery of the philatery of the

The content of the service of the use of schedology. The superping (a) and schedology of holion or counted from a serving of gootstand by the schedology of holion or counted from a serving of sources to the other schedology of the schedology of t

precase that music. It is neither folk music nor mass outbre.

Onse to Naon a postmodernist, having gone on Laugh-in and said, "Sock it to me" when he was campaigning on the the height of the arthur movement makCollins. Neon's ability to stand for so many things smultaneously and to selfconsciously use agree to appeal to differant audiences and cloak one obcloopy with another containly makes him very posteroidential. Come: What martity closs a postmort-

mer. What exactly does a postmet hero do?

Celins: Not only can he or the strade of distorent notions of hereins et the same time but also managoide First hair this source of the here's power and other source of the here's power and otherwise the source of the here's power and otherwise the source of the power of the source of the

grates deforent roles, identifiers, and serring to relate signs. The form is just before at a team most of us. You can see this redestrion of historiam in something like [Tim] Sustain of this Baham. There the stuggle between Baham and the Jeker is boing waged in large part through the media. They both realize that become is meet the of single-part shough the media.

MIDNAME AY 568
MIDNAM

FREUDIAN PSYCHOLOGY -- A SUCCESS CASE

risis of staged media events, and each OWN ITEGS as a culture of appropriatwhen the Joker says, "What kind of a world as a where a guy in a bat suit can

Orner How would Salmen Bushde fit in-Collins. Maybe the public figure that is

was a calculated penture to ahalos up the world of letern from without, while

Circly Shormon's play with different idendocen't create a transcendent "Trus is the real woman behind it all.' Rather we are aways in a game of representational strategies. A male audience Com! Has the avant-garde buly become estroit? Collins. The part clight of the grant

garde is its own institutionalization: "The Shock of the New Inc. The awardgarrie may have been able to shock the

channel by the bourgeomia In Alan Budglotr's film The Maderns

that the mode of circulation-where shock of the new, it's the hotset thing in Paria." A lot of basic aesthetic ideofocies that we associate with moderncems of the art market. In a short time gress oppositional outsider force to betrong buyers and everything that sta makes them commodition

Omni. You see that in college-radiotype rock music. The outsider becoreaches a certain level of acceptance and becomes the enemy, and so a new

Collins: All cultural stereotypes de hard. There is no greater oper than the ginal, can no longer make a valid artis-

sense of "Well, there they go. One can no longer like REM anymore. The lated shamelessly by an art market a recording inclusion whichever institution with a bigrame, lettish myth of progress,

There's the recognition that for postmodernists everywhere, you have like art, authentiony, or auckening. Take point A. In was an oppositional artist stream avant garde studios in New lost his oppositional edge? But then, when he sust-second videos played on

What we consider to be our culture depends on our frameworks. When Bruce Springsteen says, "My

culture," and when Jimmy Swappart says, "My culture," they aren't referring to the same culture

that thing is artistically valid. It is like any ing if a blues song is played on a gu-Onny Apen't many artists estempting to Mark Bello doing "his own" Picasso show He's commercing on the incred Suddenly if is akey to bend if commercial art, billboards, at cetera as influences but in a strictly regulated fine-

coded paselve reestance? Colles I don't know if it's passive retween inside and outside are no longer temple. For me, the most merestand in so doing, changes the original tograph from advertising or something. less, her works are making officel stateas destablishing shocking upsetting as have been thety years ago. But she's those feligibled terms like grayteits: authoratory. While she's hearking those mages, she's giving them differencouraging audiences to view all such signs from a critical perspective Oresi And shall unashemody pursung a large audience as well

Collins: Exactly And that has every-Crent Are museums obsolete? Collins: No. but our understanding of

sibility of any oppositional voice left? To lete. The more interesting queebon most be. Where eith most we and the resentation? There are real sitessuch as Ego's royal The Marte of the Rose, or Jay Canton's Knazy Ket, or (Hidley! Scott's film Blade Flavow-where you see the intersections of different diswallow nastaigrasily in the glary of a given time period. This is not a museum. ren's interior collections, the splittery appeads that you see in The Alow York genteman and he'll dress you for it, pro-

> trefy bogue. You convert your life into On the other hand, there's the new country music k d. lang. Lyle Lovett. Nanci Griffith and company. Through on music, going back to the pre-Nashville period, they reconstruct a tradition We need to become more sensitive to said" in ways that are nother carribalsim nor reveyelsm? How do we define cycling, yes nostolgas is detectable that

vide all the accouraments on well as the setting. That kind of history is un-

dit mydyes another component having Overv. Is the current tascination with bio Age-y thing a tolk culture or more a type of mass culture?

Goliner Once you bear to factor in the into issues like, what is the source for from, and are they valid or invalid? But

personally I'm skeptical of any program see the wadom of and make a leap of faith-whother it's to a modernat art position or a theological one. Whother the load of faith is restricted to an individual artist or to an artist who has a vesion the scree of 'Trust me I have the voseon. If you'll listen to me you'll also have the vision." That kind of onvisioning for others, for the poor cultural crists are contesting Classi Restafananiem is a transcenden-

sanny, Judamin, way of explaning

College, Presynorialism but increashack to some the roots formuch the present. Plan-

Rep, new country music, or whatevestano, potentivo

microcultures for themselves Yet you need not obstracted on multids thrty-year hetory is a very edection mixture. We have to falk about both the

Omo: Ultimately, the new world is

about organizing new units out of of-Collins: Just what constitutes a microor subculture may be decorating but two across the street or in the same state. Mass media have allowed for adhoc communities only tangentially based on geographic relationships

Broother musicians

pasts the sign life word, the image, the notes et ceteral and, by changing its context change is meaning. Guoci from signifies something completely difjecking" of eight we associate with the that historing is roughely done by peolege or had any exposure to art theory

> uma They have fewer freed values ble somistication

late those signs them in wine we ly a university/trained critic or art school-Ottol Cops is a TV docudrama that

eo makers who

to the history of

ton and hatory

Collins: Can we ever have access to pened the War of 1812 the Civil War But how the Civil War story has been told, how if was fictionalized, has



der identification. It's probably the

these subcultures, puris, beatink, the At

there's another fascinating aspect to it here was a big fighten in Louis Yun

transformed by the Depper Don thing People took take Louis Vuitton or Guoa material and made variety and off-

have these rackets with big guccs on

ing-that is, building layers upon lay

College: Appointing And it's also pop-

changed a gred door over the last hundred years. The move distript is good severable of the III a Chri With soft severable of the III a Chri With soft print doth over before, except for a fine sead of the real of dates. American Doos that mean that before, the door warm's a part of harber, and now that is been investment of part of harber, and now that is a been investment of the print of the desired of the realization before recovery and consideration of the realization before recovery and more completed. The French metric disentations are completed in the print of the desired of the desired in the desired of the

where suppresentation stops, and smullifluide begins.

Own A lot of an absolute and August Developed and the stop of the stop

tion booker facersated by propier subuse. Maybe we not set up a confirmum. If Buttern Kingtre series is critical to the propier series is critical to the confirmation of the confirmation of work may be not not subsided. But many as sed both heaper as distance and share pleasure in the discoveryses. The pub buttern popular culture and critoil and it in more norm works action of the confirmation of the confirmation of the presence we see a more distance effort is discover the sources of these formations we confirm of the confirmashirt in discover the sources of these formations are confirmation of the contraction of the of the contrac

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can be mass-produced, the relatorship with commerce can be made into the most powerful strategy.

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We're able to make basic decomma tons about what we find eaterlying and not sonsilying DO











varied for different groups of subjects the lating price. Both amaticus and professionals were anchored by the lating price. Brekers remed a price. \$15,000 higher for a bosse latina at \$149,000 insteed of \$119,000. Psychologists don't yet thoroughly un-

destand archineng and the guess area adjust exploration now has revisit Northcraft thinks that seeing an art change nurther estal person or air unwiding course to justify that humber "Once you get that earlier replanted in your send," he sign. Yone of its effects to a filtence your perception of the other and the properties of the contraction of the con-

Fair fervier has another expenditure with the source of th

Others yet here autorized a foot to pet division. If the case of each clarity by a conference in the case of each clarity by a conference in the case of a division of the case of a composition of a friction of the case of a composition of matter can be suppressed that sussift at the cost of supervision the result to the case of the tell of the case of the case of the tell of the case of the case of the tell of the case of the case of the tell of the case of the case of the tell of tell of the tell of tell of the tell of the tell of tell of

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ter The terminal also comes with a arrial, bath-in printer because ISI hopes that ververs may someday be able to request coupons, plethese proucts assedy from commonais oven parloopate in national politic For the ISIS Christinus session ISI of-

lowed people to play along with Wheel of Fortune. This first interactive game show costs about \$50. The syndicated to OMN. show is encoded with VEIL signeds that interact with the computer chip inacts the Mattel garns contable. Players at home get the easing puzzle on their consoles as the statio connectant. Although Mattel's Wheel of Fourse was only one-way—your side reverted.

consider as the statio correlation. After a plant of the station and writing the station and writing the station and writing to the station and writing the station and writing the station and the station an

than anything elde in the possibility for the sewer to actually win things white exting at home. There are plantly of problems to solve in awarding proper to home viewers, such as how to divide the morrays. But

auch ne trav in dreck the monispe. But the inhealdably entrepreneurs are inready, being their chaps Why? The air verning polarinal Baye Mir predicted. David Lochton, "Well to attic lot any so our interactive worker. There are so any all won the million bolatic sock hand to de characters in the sporwing commercials and the informative sour commercials and the informative sour Must bet weeker will ward normalised and waith them certified on a deline enginger more pleasing to an additi-

Lockson also predicts that interactive for could create a pool of ultraqualities competition by screening a nation of po-

le terminal combinators, who would be chroyear "Insugally a time democracy," ways become in "Insignation in the show the rooms core clay and on the show the read. Evermonly, Lockton asys, while active technology will force TV producate to return to real time, I very game shows. People on the show and mather large rooms will bissally be in the

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Millons of physes! Millions of cloiland

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INTELLIGENCE

problem in a land of mythic way, says fydii Richards information systems architect at the USC Center for Scholarly

Technology

Technology

White Kismer designed a smulation
program in Base that spat out columns
of numbers in response to numberbased questions. Richards sought out pogrammers, organic entails and profes-

to building a "dreft" that financiated this unresidente output into pictures and worths group rypperCard, a cophisticated Misconton distribution program. Financias a term developed a comatiputercred map of the seved and ber

Than Kromor carne by and crimiced the work. Finally, after accession divote ing nights and weekends, they had it is pathete-guided program more wishly soll could feed information and get back bair graphs showing now yeeks all any given point in the river bases.

Thousand in hand, Macintoh in carry, the control of the program in hand, Macintoh in carry.

Integration in makes, Macercolin in college in makes, Macercolin in college in mittee agring of 16600. They demonstrate of the amendment to Magazine and form case. Many districtions in mittee in m

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GAMES

By Sont Morns

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nold Riffen, president of A Hillian Company (the forerify begs), in Wilres-Barre,

his own, the Rifkin Safety Billion oxuldo t believe o

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pany about the upcoming company representative in present no interest in

ectaging of Wester's per

Woter was given a new

could be detected. I wrote true. Weber can break into Rifern beats, and now offi-

Rifers, however, shoot

our Balley Bac with Aron-Even so Polon added that his company in fact,

In proporing this month's update, I again telephoned sagency Weber open one of

edge The Strayer Conof Weber's lectropic

had written about between 1926 and 1976. Street

print from a magician's iour

nal, Linfono Rico (Septemher 1926) was a shirt I had never seen before

stoove a table, which will let

ingradibly norther keys region winds riself around

James supprests trying the keys. This will ack:

GAMES



pays. When this girls you

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6With the invention it should become

possible for you to shake a you're wearing invisible finger sensors that will tell you whether he's Jving 9

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the light buto-serger by profiting from

1 DCD Flushes -- and the rest is history. Well frere pro a few sale bets PROBABILITY GALCULATOR Help-

permarket line will move faster (in all

BOREDOM PROGRAM For exment and are now forced to live in motels homes and est paza 16 times a penence anything from Fleeing the Postmission Bankruptcy to Apply ing Makeup With Terriny Feve

new kind of sleeping pill that induces deep (or REM) sleep instantic it might

BURGER ON A STRING Burgers that can be eaten again and again. And agen (With or without cheese) EMPATHIC PLANT Low-stress plants that talk back. Ver by all ow la PORTABLE LIE DETECTOR WILMS

weening investile linger sensors that separate Mr. Right from Mr. Wrong. BRAIN FARM. For farmers paid not

would increase the whiteness of your wash Concurrently, the remarking pimples and acres classifieds-pup

acid indigestion

feline mood drugs. In that case, vicious and deluded greatures, bands of gats. Karnivaza collie i No. For John G. and leaving no droppings. Or a

very likely keep down global warreng.

may be able to live like roveity, avoiding YOUR INSURANCE OFFICERING DO