

JUUUC APRIL 198

VOL 8 NO 7

EDITOR IN CHIEF & DESIGN DIRECTOR: BOB GUCCIONE

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Remove the mask and witness produced they reape for the advertising free of Wolf 4 DMM



FIRST

By Sherry King

 After seven and a half boors of very difficult labor,
 I gave birth to my sister's baby, my niece ? They waves offset the faints of my cloud/ter waver 1 was allocat to have accellan tudy, usilates since is ware allocated. Also second an analites on a labor, closely both to my macue

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WARTHAR

ANPRO CRITINGS

EVENUES MERINARY

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In "Beerimental Journeys" (page 38), estimated and the second works and the engine of the engine of the the second second second second the engine of the back and in therein the med. As a result of such respect to the patients in the back and in therein set patients and the dot across the second second trade and an another the second second and estimate and the second second second and the second to second second second and the second to second second second and the second to second second second and the second second

This month. Once maders will also be oble to perturbate in this backmang research. By responding to "Test Your Scentability" (page 50) you'll help investgetors batter understand he immassia of alloctors, while sampling the most these beats notice of the norm who research Wernisula, who often a films form allegas to Bostal access, mostly developed the idea of investigating officiality adoctations "I environ comparison to though roboms comparison with operationaril allow performs of the adys. Bot instead I was struck by the working approval of chocolate. Inside tasked about a singl incorport, at organized to the latio.

Obtaining remeascheris have build hat upgeringert die Ausgehandenderschaft werden eine der eine der eine der kern Money also befere werden zu ausgehandet die sollte der in der aufgehanden ausgehanden hier konneyen aber ausgehanden hier konneyen aber ausgehanden hier konneyen aber ausgehanden beiter aufgehand ausgehanden ausgehanden sollte der aufgehanden ausgehanden ausgehanden

"Noney severs the eronic aspects of human behavior," Stein says: "He relishes probing beneah supartical layers of the persona and assiyong significant patients But that reveal seems to deminish the delight in observing the way becode act."

Personal interactions are also the lopic of the Mind column in Threndtil (page 26), pormatet Paul Bagne classifications how one couple buys hour-long trendship setsions for \$0.90. According to some experts, then project offers introffils into the outline's and future state of trendship

Furning aren't the only objanisms with a need to toxething, according to "Bared Destines" (page 62) with text by Abbert Maselo, this pectihal explanes such unively couplings as the clown that and the sea assement, and the makely supportive relationship of again and lunguis.

This motifies fixing resplaces bey scenario, so, so in this wail is large spage 441, by Yam Maddor, a former solution which we debehavior percognised by the facebalened relevant spatient. His mobilement with an cally existent women includes in modelay somewhat of an evolutionity nine, Mendbag there to alter:

In Themas. The Second Secon

And in part two of "Sarah Runs the Woase" (page 70) by Walter Jon Williams, a young proteilate cames out a tempting assignment for the of world controllers of a deteriorated Earth DD

COMMUNICATIONS

Tokuect strenuously to Dr. Howard Jones a as a burden to the family and society.

statement is an insocurate view of the ablities of hand-capped persons. Many of

Murrenew and Daddays

Do I detect a bas in anthropologist Marian World Mammed Life January 196617

Many primitive societies are may knowl

J Bred

Fan Male

Man The Body December 1965) must be warren may someday clone themsolves!

This view clemes women their scenality

Woman clorif anteract with mon solely for

The Y float

most form society could be alared forever

maprichanges Ackit theolers would loature

Most important of all disperor rates would stale memage is a stable memage. We will celebrate our national malazie adventisionen

Thanks to the many readers who cauchil which the column was taken DO

DIALOGUE

FORUM

Advances in sciences and herbinology in the Merry Net Ocabury may peakly whet the warry net location constants and Amirana New herg find among these Love Nati Subbind Creatalon and an a lower and from other Amira of Mic What role wild Nin powerk/I force play in the Gauet Cent Jusa Jako Uho falowing supports to offer their vehicles on the Gauet In Internet on the Advance supports to offer their vehicles on the subject of lows in the Internet years and the subject of lows in the Internet years and the subject of lows in the Internet years and the subject of lows in the

Love 2000

There are been scenarios. The first is the dostruction of poweration, with Hitle pectivits of survivors starting again on a long journey to learn of love, part as the monies in the Dark Ages wrote poetry to love.

I prefer however the following scenario is of think we be a remeasure based on human values rather than the mad clave la make money. Because we have devaloped consubusiness and can rever revert by sheet momentum, we maat make for consolves—with the guidence of the poets and the attais—a new weaters of humen love based upon beauty.

The beauty I speek of is not some contrakti-Holywood concept I is the beauty of our tense of values Boouty will be seen as hermony of brenking which is why boouty has always bean the latter of truth Beauty a disc hermonicus atom which is why beauty has side been called the mother of goodness. Cut of this will come a new valuation of the and of two

Low will be based upon compension a some of symphyti with all other peoples freud once (marked hat Christianty and Purtariam were necessary for the validity of lows they made toke out of the arems stupp and market applicable to Goal to nature as well entit the sevent. The new values will state the sames. The new loadity are instance that love and folder are instance.

Love will become I hope and believe, a closer unon of phila, which is compassion and arcs, which is served low, and appeor love that is completely devoted to the optical the lowed one.

If these predictors sound fee optimistic, I remind myself that the first scenario our distruction—is breathing down our necks this is added indevation for us to rise of the constructive development of values of which beauty is central Rivin Ma

Rollo May is the author of Love and Will His latest book is My Quest for Beauty published by Saybrock

Lava Energy

We calculate thank to obtain sizes an listen We calculate thank to obtain sizes and there is the there is a suppose however interview of the there is a suppose however interview of the there is a suppose the suppose of the suppose of the suppose the suppose of the suppose of the suppose of the isotropic of the suppose there is a suppose of the suppose there is a suppose of the suppose there is a suppose of the suppose there is the suppose of the suppose the suppose of the suppose the suppose the suppose of the suppose of the suppose of the suppose the suppose of the suppose of the suppose of the supp

Ysko On

Love Lessons

I cannot help but smite when there of seve in the twenty has contany. Law too much of an optimal to predict their is worth here changed much. We will satilhave the double will, those here willighted is those who will take it for granted and those who will continue to above that use it for therown devices decision.

The wary human first tolows and be bend and all the conflicts that data uses from such needs texe teen documented than the looping of calculation. Me guided low was responsible for Mexia and if continues to classe sentials be individe and responsible for teccase in spike of the lact here we have had be condenced assumption than the tec Buddha and Jesus of Nazareth

For induced Combiane surgicies to see 1500 years growth a clear packad and excitate definition of two Though who was a service to the source of the source of the service years ingle sources to it was an ever the years we man in last secretary *it* at lancems of increary time, and measure the last growth it was contene to growth vasa, ancems of increary time, and measure in lasting one another and publicly tee distants metally and commitment lower before understanding the subtle dynamics. I diverg one another of loweng one another increaries and the source of the source of loweng one another the source of the source of the source of loweng one another

Perhaps the medials inadness that attounds in our persons time will leady taxon as to see that lowing conselved and others may be a valide solution to perioral and worth providems. If this count is the twenty finit cambury we will have hemested the most powerful and immissis energy revealed in to perioric system conditions.

Loo Thiscordie

Low- and Nosuphh

The biological mole of turnes love are the need to reproduce and the prolanged bond between perent and infant. The infanctine between love, see, and reproduction is determined by society and in times of change — timay undergo probability distributions.

Although we are length an esta of exceptions sexual blockation and headom there are segne that is hole of represent may be gathering strength. We will need to struggies to hold on to the postwer gans of the wometant benericity exercised resultance two education the idea that sex as it for enhancing force thirs should be runtilised and characterise strengths of the individual characterise sexual fiber upties of the individual and the second the second in order.

Method technology with have a termion data effect on our avoid future. Drugs will enhance datas, dismulta his problems, associated with menogenee and pertugabe instrumental in ending the abortion controversy. If such trends as sep parenting and this use of new birth technologies continue, massage may eventually become separated him seconduction.

Codirector Yale Sex Counseling Service New Haven CTDD SCHOLAR WARS

SPACE

By Peter Gameon

The Reagen adventations is Strategic Defense Insalese SCII will be a windfall of Landing low eleventh secretals. But despite SCI innovake Science and Secheology detection James lonsen's breazy contaking that "poole go where the backs are initial of from may be luming the manuely down

A precipition institute resolution account to research improvements been counciliating in university physical and computer-section depart transits since. Altine of last light Physical adds at Connell and at the University of Illinois classific the placing in macalemins an effort by the Percipition or anti-alamical Congress and the public by lineing up accelentic support balancial the program.

The piece states had the proposed available mission which — also site wasscare to buil Attempting to build with high woothoot he nuclear arms race. The field of upper and perparate working mining audieme freedom not burning the distriction between taskelski automotions applied by which they 2 400 countings matching an angregory of taskens and tasks radioting where they of taskens and tasks radioting where they of taskens and tasks to where the tasks decomments.

They were type to get universities to act as lotbyes to the program, says Lisbert Brontind a Commit sate-lease physicies who played a part in lisundhing the playes I innestry all of a cademic people are agards it. Laynes tend to magne this appring is possible with schoology Buil scientistic can clearly see the balance music calence and

Signers and nonsystems of the pitetige and the invalid yeak isong hardmontil identificontent-take into the agricult account of with arms outside, it admail, takenerity of timos proper profession. When Yeak is a bisalant based than that. Thereis a here vedopshot afford that Thereis a herein yeak isong the second that and bis bisalant based than that. Thereis a herein yeak isong the second that and bis bisalant based than that the bisal bis bisalant based that that bisal bis bisalant bisalant that that bisalant bisalant bisalant bisalant bisalant bisalant bisalant bisalant work later more than SE balant had been bisart on it

Physicist Millo Chanowitz, who has been as ONNI Idfulneration conclusing the pilodigs of the Monosity of California at binking sign frammorisements would not cappoint to 200 light initiation and the standard standard standard control and standard standard standard standard control and standard standard standard standard standard standard standard standard backgring in sponsess of mean standard standard standard standard backgring in sponsess of mean standard standard standard standard backgring when the spanned standard st

Charavitz concodes that for many of the optimic of the pixelige its more a mother of principle than of practical choice. They an includely candidates for 32% indebod funding an the final pixee. But some of the colleaguest all Berkeley Nanc bean willing to colleaguest all berkeley to be the source of the optimized by the source of the optimized by the optim

One is Forest Maxer who once proposed anseerch propert to JED at an inflection decided rest is scored funding. When an old colored lady would's timous to the back of a burn says the High-fee yearold Moair. 1 Thought: Haw looken' Date word change anothing. And who me wile wert



20 A kit of academic people are appreciat.

on peace marches during the Vietnam War I thought How foolish But things did change. This is new facility pession

Another veteran Bankako priyasa polesan Charles Schweitz, recentry a mounced halt he would apream to least not y a with ammends. Many of the prodects with ammends for the prodects with ammends for the prodect opportunities here are no physics outside apportunities here are no physics outside devery out eyes to the both fail ere in taby in himting people for the arms race.

Many of Moorn and Schwalts collingues have been caption to Just their solution. Nuclear engineering opecands Laweet Orkeys see the pactype but do include: A Roty Spars that it motions a statuated by Congress. Its workan robitism devices, projubility around a tring part - motion by Congress to excel that the adds. We will had the type of that the adds. We will had the type of the formation and their just the incomp temp spare. It was in Dangeas I would have roled parts in

Universities later from one therd to more than two hilds of characterization and the operand continues for schools lites buff, a loss if of population of the school lites and the school lites and population of the school lites and the school lites and the Material School Population is and the school lites in the School lites and explanation that with IT accepts School lites in the Material Theory and the school lites in the School lites in the School lites in the School lites in the Material International International International School lites in the Schoo

SDI detector locan relixes to committe in the pleage, call November Noveyer Leastraam Coheral Las Da Lorma a Petria gamgekerema did sostet TS for II (Inte locate) have have any noticeable relict; confit exitemas program. Even so support for the portial Soler Schwertz, SDI shit exit of a vehicle pix of inducatory hall write gastrag up for a nuclear wat its an instance statistication.

CUTE BOTS

BREAKTINROUGINS

By Steve Fax

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The Culteress Wars are being waged by a new bread of relatively megaminie for robots. They range in price from \$25 to \$500 which may seem a bit abeep for something that a existentiative tow even a cute one.

The severage personal robot is a planetmacheris web a bytek wheels, and humanles arms eyes, and mouth lis cheal aakey is sociention. Next of these tools can rul of walk in any deed on Some ween averbaces and veteogeness, and seach you robons for deepares, and seach you robons for deepares, and seach you robons for doepares, and seach you robons for doepares, and seach you robons for doepares and search week and web of the arms, planet socies and web of web of the arms the doebac ochs and also formed ownrokes. are comparing to the tay both method provides the second second second second second second theorem and the second second second second second provides and the second sec

Whit also can the Omnibol do? Wall the menufacturer noise that the robot's function is "limited only by the user's megnetion" words lively to become as stalle as user hendy. In osse the creative well runs dry



Takative and televised, the newest home robots can do just about everything but isonalry 22 Oktiv

however the manual does offer a few suggestions. Our fevenie teaching your per panol to talk.

FOI TIDO various (antice) the Law - 3 incompany assumption by the challent memory memory and the second provide the challent memory memory and assumption by the challent memory has a second assumption of the second provide has assumed while include the second provide the second program Fairns synthesed—and the second provide display motion when not second provide display motion is provide display motion years when not second provide display motion is provide display motion. The second provide display is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion is provide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as when not display and provide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as a supprovide display motion. The second provide display motion as a supprovide display motion as a second provide display motion. The second provide display motion as a supprovide display motion as a second provide display motion as a supprovide display motion as a second provide display motion as a supprovide display motion as a second provide display motion as a supprovide display motion as a second provide display motion as a supprovide display motio

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Another machine in the humanoud tradtion in the TI had-alsk Wolds Robot The star player in Nitherlos heavily acvertised, 3500 Entertainment System II hadra upto an include offer wideopare machine and is fived some uptin patterns inam your TV, thereby following the advanor The sacese during gainer play. You can detect the tobol to move sponting gain patterna the sponta to

UNDERSEA HABITAT

EXPLOR/ATIONS

By Tm Sandier

When the standard on a shake dock begoen in Key Largo Funda harm we here of a human two promiss rande of key standard of the mala monutore want but he atom is mean gravity twaid use he adverse stacking out on candida wat and carrier gravity We here already taken proceeds the two protect Start but mouth here is surtable start we are gravity and one Start wat we are carrier and the base already taken protect Start but mouth here is and one Start but mouth and carrier and to a small steel both spectra and starters to a small well both specific and and the start and specific and the specific and the start and specific and the specific and the specific the specific and the specific and the specific and the specific the specific and the specific and the specific and the specific the specific and the specifi

An water and electroly will be getat into the hotel through a 250 does unreliable cent connected to an online support and Abrough oparation direction. Jen Document Hills on not to warry the prospect of a humana transmission warry the prospect of a humana transmission warry the prospect of a humana transmission addition amb broky direction energymous procedured and hills up hill we will be wasculated if processary.

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The holds is the branchol of law Kolkic, is in min Hwy against and president of Warre Resources Development Foundation the norport organization that upsettes the hubble and as againstant-memore excepts the hubble and as againstant-memore excepts the hubble upset as againstant and hubble in the hubble was designed in an undiminist tab for acades in the Checkpache Big Bus according to backs, the Newy reserbes according to backs, the Newy resertor more han lon years before domains is a const Io Koblekis company in 1983. Twanket to use it to educate the public the explane Through the lang in the histoit for werkyfour hours would be a chance for anyone to bisesyly be it home with the environment to understand how complex and hapte the open is and to realize that its reducings must be univerted and protected.

The hobits has both in its curver locates from enough to tenhin became account toge enough to tenhin became account bear extended the heath Disparated guarantee the reteriors and object them with crutilities of bears and to heath the tenhing and the bears there bears and the same in a dist bears the fixed as en motion in the same tenhing. The seafling of the same in the bears bears the same and the Disparated treffs are not an inter deal spenter attends here house to put heat and him out projections in place take off.

Dubote we tog water temporature -warrage 31°-- and vasible -- exerge-30 test Duguesnal then leads us on a tour of the tagoon. On the easient edge are wree window solutions charged with toe-vellage electricity. The calcium that the current estitucits from the water forms a hick.



Patientials vicutors the first aleg-

plasterike buildup. Duqueenel writes on his board something about the minimal-acces tem project. We continue weal past rushed cars and deconded tokets and is small througes held of sea grass.

We later learn that scendars from Ouke Unwristry used the latitude to consult the first in a sense of monor the exponential of a sense of monor the exponential of the sense of monor the exponential of the sense of the exponential the monor work of the exponential the monor the relative of the amount of exponential the first of the amount of exponential and hom the water and of the accumulation of define of the accumulation of the

Alter exploring the area we follow a school of blue-driped grune back to the tableat for drine: high table grunds yurseweiw. The loggy legoon turns a not block. The skings and archows, get paid he observation port locking like feellies in the outsda speciation.

Later Obspectrel kasks us on a right dwo husuph the dwo lasgon - it is streep through the writer ins body a dysely paid the "them's subgand wave final hand at later of the mask, creating a flowerced" in the distribution and sold a certain properhouse parketion and sold a certain instance instance and count measures. All the masks is used countersecond. All the masks is used countersecond. All the masks is used countersecond. All the states are analysis with the hold their counter early with the indust the body and the state of the state the states are narrow and the are waited.

The next manning as we shick online we listen to this weather of harmin and hear that the storm has veered northwest owingful and is heated away from us Later we make our had over the time without Duqueriel. The once storage togoth series familiar row. Kotada was right Alter only one right we had become part of another world.

in this choice on the Manne Resources compound Notick decloses his plans for a large unformation reaction of the second Habital after author Alles Wome The proper Intel been traubled with immediate statistics but Kobids remains unfolder "I can hold my breath the says controlarity" "anger that immynet you know. CO

FRIENDS

By Paul Bagne

emember the right I met my new keards Bave and Teen I knocked active door of that gatement it was an intrudea alter men a little late for our appointment As I worked. Theid ther competing work at in my hand. It had it spart our unknink nucleo with own hass destancion. Also weether was were method as an another weether was were method as an another weether was were method.

Tom opened the door Good hunds brould be provide, were her have words. Be was wering a tasket bodysust and a separater don't be choosen-were regard with multicolaron rules of a sharp hitter. A biode-lake choosen emparate the her and protrosong from one broast were were biode-lake choosen and were the and protrosong from one broast were biode-lake choosen and a sharp her and protrosong from one broast were biode-lake to be biode-lake to be and the biode-lake to be and

My how pretty you both look. I w marked, as instructed in the ad "Now about tea?" Tem asked blow locate Lipsched

They ushered mo into the kechen where an encomous elver tes set set and car the inchen table. Terri put a tassappion of Browen sugar into my cup and poured in what turned out to be cold where othe had formation to heat the weter!

Vasa hole to partopate is an entropedid despito to boles and tem two selfdespito to boles and tem two selfdespito de temporaria antistic They had placed and in the Sam Francesso Alay Quarkan saying "Pease Tel La How Phility Me Lock and chang to bay an hour of correctives herdings for up to 5048 Alhaugh concretived as arc, they preset say some expansis as a comment on the present and Supre state of the other share.

During my wait fee explained the project to me. We are deadly service about the she said. We don't verific to be your hered. We want you to be our friend. We rem not introdecod in your problems. This is not a give end saide relationship. It's structly a tubor relationship. We want here benefits of frendhips but none of the builders. Thesis with were withing to pro-

Mary had expanded to her ad 1 was the list they had invited My visit was to list an hour and the lee I would be peed would depend on the quality of my advice 20 Oktiv and my empathy I was expected to admine them constantly and to lough stither pixes. For the remandur of the hour Ten taked intendely about her troubles. Live a good hered. I latered

Ib Lagent Kirnedo novenia king polisi or of psychology at Logial Lumensky finithmistria preject has a value that gree played all "Applications" and a consigura and polisical and a second barrier particip boarding para and the position boarding para and the position boarding para and the played boarding para and the played boarding para and played para and played para a

He characterizes the project as a perpheteric org-----signing-org-of the despete ten that many people five and one that deserves attention because an encoded describes as a temper to reacorate describes as a temper to reacorate that will seep across the country.

Remedy believes that a lack of intimacy or true financishio-is a national problem. It



Tern and Open Tail up hop praity we look

is a by product of our outlure's precocupation with the self and its emphasis on materialism and superficial qualities

Now down meet a psychologist bit how that fixed this is one of live essentistic terms may if you aid people what they are really looking for the enswer turns out to be those leaded through the fixed the terredep gives you semicine moking most teryou in the or her file, understanding and accepting you. We ail real this to be through the you. We ail need this to be through the solution.

Tramember my friand Dave saying You pay for everything else Besides this is more reliable.

A low years ago the California mental health clagartherer invested 613 minor in a "Trends An Gaost Medicine media campaignt. Elida obtens they wont out and found teends. A beford second meesage "Trends Don't Cens to Free worth out and eligible that people would have to give amenthrea to an the promeased rewards.

To measure the cost of heardship, Claudie factor pressession of accordary studies university of California in Behavioy source the same suggest has which he calis metasai bondinos delemme onse capacity to benefits electronitys. Excusion provides while and contacts that people use board encodes. In explanaes. Menny presentes to achtange gats and to provide others with and

Terri construed with her monologue telling me about herself—about what heppened to her boyfnend the best lover shed ever known. He ran off to Meassoppi faid her how somy I was

She told me how her mother hatss' her for some of the things site has done like the time site and Dave got arrested for one art project—mailing human faces to bother in Sain Francisco. (It was all very art/soptio and seated in physic velocities the ceed)

Twice growing weary out with thylig have to listen Finally the over three buzzed signaling the end of the hour. "My how the hear fown - listed on each Aral (prepared to leave Tem handed me a check for the full \$8 49. On the memory line side hod whitter, i on a long down **BIG BRAINS: CHEAP**

ARTIFICIAL

By Joel Davis

sing off the shell parts from commonly available microcomputers, some Collonia researchers have bait soveral generators of respensive machines that multi-auparcomputers

The designess strategy is to harness components from downs of annal composite from downs of annal computers together to work in passful live a huge team of electronic horses. The new machine) have already attacked problems in all optigics and modeled the rich lappesity of a nerve cell network.

Compute animits Chartes Sett and Three colleagues stat the fast particular concurrent computer during the Charteney methods and the setting of the setting of the there of both and setting setting with the do physics computations on such a motion in Capetine they shall a computer bet consist operating of the IBM PCs. In advance they shall a computer bet consist operating of the IBM PCs. In advance the shall be the state of the setting of the state of the setting of the shall be operating the state. In the shall be the setting of the shall be shall be the setting of the shall be s computer and cost a baction of the norm

The Gate socied by breaking each problem down via 64 datavies regiments The separate components worked simular reacety each on one segment exchang reacety each on one segment exchang proce of the problem. The result a very last computer for a visionity tread proce

The first garantition Cube had 64 incides each an 18/M PC type creat board with initial 8086 and 8087 microprocessor chips Eachinoide had a microprocessor chips (27 initiality for an impressue local of 8 mison alphanumes characters).

There were disebactics of course. The exhinel version of the Cube even not means to be anything mode than werd functional of during companies of computing the indicates of during any perify complex more additional to be well the mutator of programming. No one has well the mutator of programming, ho one has never werkers exhibitione for souch a machine. That a queue plas on my one hough out from Galactite tablence count have in



A deceptively simple class to yoke small machines together opens a new floater in supercomputers 30 CMNs

use other people's programs if they can write their own. So I made is write out of recessity and put them to work dowsing software to rain of a concurrent computer.

The results grafiles Fice and Setz: The Calce successfully solved pedians in asing/rysoc, costfology (so dimensional respective), and computer signitum. It steen used as a highly efficient disablase milichnie in mage peocessing prophos and computer aided deepn

¹¹ In Biol NetRey, let Programme Laboratory og intervised with the Date Bry Hatti the Calificative Histophic Programme State (Servised State), and some second servision Califications with the State (Servised State) and the State (Date Total approximation and provided at 0.25 collect total approximation and provided at 0.25 performing in the range of the Cate 1.5 second state performing in the range of the Cate 1.5

For and a term of technicans under Califications devices of ally. Advanced Microsectorics Program, are new parting the instring support en the Mark N. I Cubic The first two proteipses were technical to Pecturary 1960. In Aligo advances were technical pecturary 1960. Endowards were technical to Colar. I in performance network of the Colar J in performance network of the Distribution of the line networks of the Distribution.

Homstally such success rule deem interest line source heavy wag his in the comparise instanty, and the Cube has gove commercial. The field Carposition for one is producing their PSC tamly of Combaniat comparise in three models. They we sold including all of dam in lises compared and the tam all of dam in take the product tamb and of dam in take the product tamb and of tam in take the product tamb and tamps and the product tamb and tamps and the product tamps and tamps in Route in Beaverice Dangen and Amoski in Acades, California

The tapacity growing movament to merket, the Cube came as a suppress to Chuck Satz. We date to eavy But the these companies that have effectly upped into the Cube business will acch be parted by of lever. There more That's party guod for a device organity outbilled together free of the subt busines.

A BORING COMET?

STARS

By Jeff Hecht

Includy Helley's Conet from my home 10 mess weet of Boston was to oasy takk Armad with 10 x 50 broactains and speciel comet chains from Sky & Beleocape reguzers i sourced the vectom sky with it spotbal of take over a mapfroth or house. Then I snaked my doughters to come cau and look at weat had sented millions over the milleress wy allown was objected through the broackain found the comet and headed book mode here academ it to barring.

I am sure she was not alone. Those scanning suburban sixes on December or admark y workings found nothing like the dramate photos sixes the list line he comt came by showing its list stretching mile across the dwy. Holloy single said on packalone. The could not be mot by the work from matchandam areas.

As invertined it approach in early December we benounces showed only a clim patch of light barrely waitine agents the bardiground of the night sky. The value on Nov Saz's inght wins a little originer but even then my list improvision was their wais even grain our of Hours ator: Without the benaculars my every wouldn't have found it

There are several readout for where could be called the great datagepointment One is that we happen to be living in the wrong one in that be hainy passed within 16 million miles of the carth and gased us an installant side view of its 100 million mile ball This year the comment and come no closer than 30 million miles and the ball will be all a poor angle in view on

Evol index whin manage to hang on long enough to get another character by searham now won heave a much bettor way according to comer expent and Sky & hearscope occurrent. John Banter Wewach get a good way of the comet units around 2512 which Hallip wai pass 8 million rules from the each

But the real viller is light polition Stay light thm street lamps auto beadlyte building ergs and other sources have analyse whet Borte calls a perpetual weight. And because combinere drugs rel bright points of light like stars, they are bot assist in the weight

Light pollution is not a new problem but It has gollen much worse since Helloy's



Having a Contract contribution the yalwang depths of space lists the he have of the century? 28 ONM

1973 weit, when a worten named Mary Protoch was able to watch if from also the Times building in michoen Marhatan New arything built in it more wood society the watch han backet with the Astronomes expression also basis tagting what is correlated as the society of the Astronomes of the society of the society of the Astronomes expression and the society of the what is correlated as the society of the Mark Society of the society of the society of the Mark Society of the society of the society of the Astronomes expression observatory was be an Solivich Islandscept later years

Other effects of light polyton are united built intermediation processing and unconcepted and unconceasing a schwer of the right poly look at the reprint sign at a schwar and solution divergence light Dockey of they look at the reprint sign at a schwar and solution divergence side only the tright poly titler. As a result, people are nuclei look amain with the sign ways Deputien Tobergi, an astronomer at Califach's Jak Poppleson Liberatory.

This ments offices the last chance to see hadrey. The contexts tail a life is ward in such length of up to 500 million million all or places classes to the sun. Unfortunately the best places classes to million burght his machine. Those of us in the Northam Hermachine have a Immediated ware.

Anyone who is service about severy the commercayed to go 25% 30 miles from City lights. Etitieng auggests: The best time city lights. Etitieng auggests: The best time city and the service and the severy before an every provided and in the tod, a cities when of this acautasettem horizon when the control is table with a porting out it will about anyon the southern horizon will about anyon. Anyon with the alaws before the horizon and matur ho the alaws before the horizon and matur holds. It will be the tode anyon anyon anyon the severe time of the tode of the light from the horizon and matur holds.

The second secon



CONTINUUM

I KNOW ALL ABOUT YOU

b) I won'y your becard a care with me but here insert o tell you that your chocker your psychiatrict, your an byst, your psychologist thowed me certain confident at information about you.

Of opusal, to had every reason to believe that you and i have hever mot and their I would not use the meteral to compositive you in any wey Stell I are a reporter for a national imagazine, and those reasons were personal in the extreme. I test strengely be holder to way

The heal time it tappense, I was invaring timp paychological table for 726 New York Trans The head of an approxy that schremetered option personality invariances and depression scalas in-head may to the facility of kean how the table are your and the results evel valued. He had picked three individuals resolute evel values in the head picked three individuals resolute evel values and picked three individuals resolute as exemption to not to took at

We you can use: The said proofly. The names have been blocked cold to protect the directing of our clears. That the how can of white correctors that partied over your name dash hads it at all it could said 4 as clearly as any other works on the page of the same the could be the same of the source of the the same of the page(d, too The source on the Lidder) and the same of the page(d, too The source on the Lidder) and the same of the page(d, too The source on the Lidder) and the same of the page(d, too The source on the Lidder) and the new page memory could be applied by the page of the new page memory has a page of the same of the company the rewerpaper memory has been been been as the same of the company the new page of the same of the page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper memory has a page of the same of the company the rewerpaper of the same of t

Note any attitute main. These operations to save version terms of your disponent about a network of any and terms of the sectores of the sectores and cancers as a partner in the instrument. Vectorespee in the sectores the terms of the sectores are also as a sectore and the sectores and the sectores are also as a sectore and many and partners are setting of the sectores and cancers of the sectores and the sectores are approximately and the sectores and the many and partners are sectores and the partners and cancers and the sectores are also as a sectore and the sectores and the partners are undergranded, the formation and cancers and the sectores are undergranded. The terms are also approximately and the sectores are undergranded as a sectores and the angle of the sectores and the sectores are also approximately and the sectores are undergranded as a sectores and the angle and the sectores and the sectores and the sectores and the sectores are undergranded as a sectores are also approximately and the sectores are also approximately the sectores are also approximately approximately the sectores are also approximately the sectores are also approximately the sectores and the sectores are also approximately the sectores are also approximately approximately approximately the sectores are also approximately approximately approximately approximately the sectores are also approximately approx

I sweet to you, though, that these doctors really did try to protect you. They showed me a still photo of you to make sure I didn't know who you were. They make me scan an apreement promising that I would not discuse your case with rey hands or convegator and that I would not velocity and that have not have been to be the Timed—one matter they dispatch my account might be that had placen your permission whethere or not you weem have to that using your happen the dispatch dispatch and you with the to that about you, and any week of both that whether any our permission about you, and any week or to that whether any our effort

The work beach of with i ve bore bore party to derive which as covering electronics it may be form i can it plants you as creating electronics it may be form i can it plants you as plants and the second region of the second second second and particular and electronic of the second second second and the second second second second second second and the second second second second second second of your and concerns to case which leves 1 second the know that bus 2 second seco

Late the dates is defining an endpointed libble are primers. Interpret refs the source with a libble and the integration of the source and the integration of the source and the source

Tape recorders and voteo cameras pry their way into many secresents areas today. Otten, there are good reasons for opening secret lies to public solutiny but not with warton clangard for it e perion whole name is on the file.

As I said, you don't have to worry about my disclosing your identity lineally do respect your privacy I just wish for your sale that you odd t have to rely on my integrity---DAXA SOGEL

Densi Sobel currently a considuating other for Overs, was forcently a blott reported for them New York Testas whois site covered psychology and parathetity

CONTINUUM



Cure as they are practic dega have some printy outlotters, such we taking-used eabling-lifeer grandplicktron measure and replices

KILLER PRAIRIE DOGI

Pray to doge customary,

great one arbither with a kiss but they may not be as applicable as they seem A University of Maryland researcher her found that half of all profes dog infans in a South Calcote openy are pletty or wholy elemenated by infanto-de

What a more most killers and nursing mothers who only and other sait close real over, notiking geneticity other, half sattings mechan and nephase. Only one other tremmal is known to regularly kill offspring of close kiel Nomo sapersis

main in the octane---or family group---of their birth

Notes are esercisely unavailable as wittens Ploogland says, because place dogs delined their cotante terribries against out addres. During his 13-year study ha has detected only their cases of cross-colone reference

In other maximals intent offer typically occurs when a biddhear male investes a group evects the insolat threading male, and kills all unevented oblighting of that make. This has the effect of causing numbing timelies to seture to beending male to spacely ster his own entonement

Malo prano dogs sometimes kill pups but fley do ao far less often fiser females do infantecida makes wont get early access to families backwar premi dogs breed sessonally and do to return to breeding condton affar loage a litter

Female killers pay a high

photi for their buildwor Hoogland says White mareading many lose than own litters ---Billy Goodman

HALLEY'S HURT FEELINGS

Dranes Weisey Origon has a rady explanation for Helsylf Comel being only deny wella in the Norhem-Heinsylf Comel being only the system incoses that the comet is supposed to be paid a big dry snowbell. They're nat about at point that is apparent to suppose the apparent paid of the the sound or good forkine. For no worder the comet and pend to put on its besi pendersenance.

While got to do someting to at Halley's Comet Incom we tail love and nagent is Otherwee, it right go to another solar system where it bails appreciated and never come back Comets have Marings to you incom

So Dran formed the Dammithe to Control Cornel Assiling informally known as Comforn Corna, which detributes and tofis "Official "skeys Dames Special Crasshappe" at 59 appears in the public services of the club bumper sockers is overflocal and a variety of seels

If wonep for the L A Offenpeis and the Salue of Liberty, so why wouldn't if work for Helley & Correct? Onton-workers "CorroCom Comas sponsoship program is contactrating on individuals rather than bis concess-

tons because, the whene cal

write applans. 'T scennod hard you were a company with ithirty thousand dickers or sould be an official anything for the LA. Olympics but as an individual of you pould do were buy a tidre (Halley's Comet is tai are weryone. Any one who pantic five chars to an 60 buy Halley's Comet scontrast.

Unperturbed by the last that the organizations membenitips in miniscole—Just Onton and heaviewer and the neighbor is Onhumana mediant hear planned sus one official spectrosis event 1/4 had suit the monitory of Apol Insolate (percosis event 1/4 had the the monitory of Apol Insolate) percosis with go out motional geomosis with go out motional and the monitory in Nonse code Itsain the meesage with CHOT

George Nobbs



Why is the cartet shubbing us in the Northern Hermachem?



New, sarong availance that successing may be genetic

MINETIC STUTTERIN

Borea 2 million pages in this county suffer from strateging. Psychologistic hear indexnood counties applinations, from expected host bit, to unservice conflost to terming (if the half from a buttering preven). Now a high Lavversky nasiacher swy the admit may be no more psychologistic from heart gible or boom syst

In the largest study of is rand, generation Reneth X. Yasta spart more than decide participant the state the study of the strate manual study and the state parts are the study of the strate of the strate parts the strate manual study state that study state the study state the study state the study state the study state of the strate state the study state the study state the state stat

The evidence makes a

storg statistics case mill astreng is applicable from that does not mean there is a "hautering gene" feature ways Kada a group of garve may somation affact the vocal coacte mellerg them sumphilar baccoming fartse or uncocationated. A gestorn with haut previngees both mig sportsmously dutter or have the attReform into youth Korki adols mail subater generally cleans

All this suggests that pay chothempy may not be the beat treatment for studiering Curing studiering, Kild says may someday be a wright matter of ratioaring the muscles that coordinate senset --Deceles Barr

"Should you allow the my comprehension of a starlight mght, awe ware my only haply."

Emily Dicknson

SUBSTANCE P AND ARTHRITIS

A second number of their matioal artifities sufferers in California are inying out a new triathment for yant pain that may reactive a longstanding myllery about the reases - fund

substance P, one of the body's own neurotransmit inthe nervous system. Recent studies with rate have shown that substance P pools in the yorks most see orghtair to arthrate and that maching substance P into an inflamed joint means ably aggrowthis the pain and taske destruction there

Block the action of sub stance if therefore and you should reduce the inflammation and yort detempotion caused by what recurrence or proceedy what recurrence get Jon Levene and he colonagues at the University of California at San Prancece hope to do

There work with sats has provided the first direct evidence that the nervous system—was substance P beers on theurrated arithms which a gameskily contail orial a disease of the immune system.

"We've long suspected that the remutus system plays an important role " Levens allid in the informativ "bocause activities (page ups are inspendly ingened by stress. He also noted the attinuces who willer a straise on one side of the body expension middle of the body expension middle of theirs on that lude presumably baceuse the insert network there no longer infect the points

Current traditionis 30 Instactable anthrois include injections of gold safs and administration of antimulatinal drugs which work - when they work at all-- for nations in one issibly understands The anti-autosmore P appresets, though saf urpatown, all becad on a clear-out hepothysis



Could theumsional antimize be wheched by a neuroleanametier calles' subsiliance P^{ro} California itsel aubencia will spon And out

CONTINUUM

WHITE HOUSE MENTAL CASES

Moral markely is pocces who attained to break into the White House or who allow up at the White House of the White House or who allow up the House House entry to the wher execute pow on thread to the Preadert, suggests a National Institute of Mental Heelth (NRM-0 staty)

NUMPI researching Dows! Shores and Pichard Friedmon rowwww.of the case heldones of 380 mensity if people (most of them whele make schoophronics) treated at the heldon all instruction of Menjal heldon all the true had tread to enter the White House or sendar one stream class

"Very often these people internet pridty bizzme information that they feet the Provident will work to Jisse" Biomi a psychiatrist, cays "or they went to collect a mittenthey went to collect a mittenthey went to collect a mittenthey have they for them."

Although 22 percent of P

238 people stucked during thesis signal the President or other prominent political figures, none of them ever actad on their threads but 25 ware subsciparity ancesso the valent onnes one after shooting and tiking a Scout Derivor agent anches de subscitung avonaus the metalanchy inought to be the Peol Lody

"What we want to do next, Shore says, 'is determine which psychiatric symptoms of these montally it people might have prodicted their future volence.

As a psychatriet, I'm concerned that anyone might be harmed by a patient

Bu dan't force the pace in Decision "

Doubt is the veccoule which i must pass before they to artist who the temple of uch

-Charles Color



information for the Preased-or want & ration collar reason

ICOOPECKERS IERSUS SNAKES

Decorpt occurgates Checks Indeks Inversion, a root test prailes estimats, up a docolarge prine there. Nevering its provde and the service is the service decorpt of back interaction and decorpt of back interaction and plasming the provide back interaction provides and back to the ground. Bit prov-the condisignment dise conclusions woodpockets, watches unherment Backback conclusions against a classify prospheric his successful again.

The red-opplacies woodpocker and other unusual mobilities of the Okolenciae are oppland in Realm of the Angestry a new Nakonai Geographic geobal, undoraettant by the Chewton Cosposition. The special area in public television April 16

Unlike other species of woodpackets the red tocketed woodpackets re queue a kinnig prie tree, south a durine so cribbe, for is netring or rooting hole and is durine saturagy. The bird socies prin trees that, new tree baser, 'a lungs! in tearmood and inakes it rear baser of inakes it.

After digging a cavity for its next the woodpacker scales off the bark and chiscis holes into the sapwood stund the entrance. This allows the thick sticky sap to occo-out protecting the next tion scales.

Wildlife besidgrei John Peting is the producer of Realm of the Alligator "No one lenows why this sub stance repuls snakes," his save "We do know that



Red coskaded woodpacker at work. An coon of proversion

the chermolas [in the substance] burn the snake on contact. Palvig adds that the combination of the red heart fungus and the presap may produce the

The real foods to be a factor of the problem of the problem of the program of the real problem of the real problem of the real problem of the real program of the real-program o

The mature privace real in encodeposite for in the nodeposite for interaction commence in the real heart command limiters and the presetion of codery provided the limit of codery provided the coders and the real heart of the heart heart of the coders and and heart of the coders and the real heart of the coders and and heart of the coders and the real heart of the real heart of the the real heart of the real heart of the real heart of the the real heart of the real heart of the real heart of the the real heart of the real heart of the real heart of the the real heart of the rea

MYSTERY RAYS

Particle physics has been zapped by a new and myslerous kind of cosmic ray

Colonary cosmic regit participations and only energise participations frare are constantly bandbard org-standing puzzle themenven that source is inmount Because the particles are changed there paths are barried there paths are barried there paths are barried there paths by the same they arrive here, they appear to be coming from all developer equipations that scienteds know exectly where they'ne coming from

The rays were discovered by under ground definitions in two different locations set up to lock for profilm decays. The despectors an located inclusion the location from ordinary coarno (nijk). But some stocks and visty powerbil down of adabten is penetyping the aech and lisaving.

is cote detector. A lawage losault Port Cygnus X-3

magni-metizits n the

Selectors, which point back o Cygnus X-3 is star about 10,000 light-years away

Since the new regist all come from new reduction, they are not being affected by the recepted to test that makes the particle composing them nucle to etablication reducts, not charged like the composition to etablication reducts, not charged like the composition to etablication could also the tomposition of the composition of the could also the tomposition of the set of the tomposition of the set of the set of the through our affection of the set index of the set

There are no known part-

Physicals, consequently, make been body at hypohithold cancels for an opphysical according to highly and according to highly and according to highly and the mass mean band to dearword mass mean band to dearword they don't accord to the mass mean band to dearword the other Researching dearword to dearword constant dearword at accord and accord accord at accord at accord and accord accord at accord at accord accord at a accord accord at a accord accord at accord at accord accord at a accord accord accord at a accord accord accord and accord acco

Physicials wark more data on the rays Meanwhile, they vegat accreatly feater "It looks lea there might be some new particle physics involved in 4." Barmhil asplana happer, "and it looks like wire bolding at a cosmoray secure for the first time" —Leah Walfach

Most hatory is just gotsip that has grown old gracefully --Suchary J. Harrat



The Case Ook doucte is not repervised by most termin-plan and expects (over an Dill Case provid very effective at Juling space

DIGCA-COLA AND

Harvard Medical School researchars have confirmed after many beinagers and wernen of Three World countries have long believed true. Opca-Optia in test lubes at least lub, sperm

Following the introduction of an end-back 2014 July of an end sous severages to one minute and then measured apern movement. They found that Det Colle had the atrongest effect, and Calasia Colle had two times the spermocks offect of New Colle

Obes a effect on sporm has been attrauted to the acceler pH of the drive. but after the pH of the drive. but after the series the latern about the series the latern means that is Doce Cois s agost formula and to vary ing proportions in the different drives that may be a cotactor o Coasts which is in all series.

Depote the results Dr Brause Unspeece, one of the doctors on the text text, couldness against uning Ooks also a mathod of birth control Receive against units of the Process against and the original text and the optication that thereas reproductive that thereas reproductive that be too the Speem enter the Renate reproductive that way task, and Dr Unspeere doctors that the Optic pould be difference doctors and the administration of the optic best difference doctors and the difference all speems

CONTINUUM



When your favorile TV abenacian at fulled by checkingquins, including or brinded canooling you auffar alympathetic spinpiscout?

TV HYPOCHONDRIACI

Some TV viewers are such hypotechandrace that they ach ally tragens that they developing the very sams drasses that alway TV char actas have and tray even develop the same segment.

This revelation comas from psychiatrist Moshe To sett of Alexon General Medical Danter in Ohio

"In the past ten years." Dr Tanam saga, "I have seen this condition in several disten oviverts

These are highly suggestble propie " he adds "They became very involved in became very involved in the take as an show to the point hat they are adually ining in it and they so abong vicinity with the obscience that they wcan outsit wopervice that tap.

For instance, one patient after a battery of medical lists showed her to be in the pink of physical beeth nevertheless complianed of ofest pains and insafed that she herd a bad heart, just at clean

Like the character on a sogn opens Another palaer a tim of a primorine hospital dense in which one of the characters had breast cancer, beetweet site has the same considen designs a clear of of health tim docases And a first completing digment a first complex balance the had devicement like a character on a report.

> The only effective statement is here the weathing hypochordnace. Reten says is prothchoracy But is walkid be wrang to mply thet he relation there people rouge problems is because of Vi shoes" he says it is a route to they would have developed they would have developed they peoplems

White wat time on an ego

-14000

OF BELCHING

If yours per thirty-the arc contactly induce the social disprace of balance the processity the most indegent most you may simply appeal to be a book, but is not howdis who understand moutatary beloters, you are probe by just adhering tran a defoatory of hydrochoice asis, or HD

This acid is produced in his domain building accuding by more people in others, howave, this alternard, opeawer of HC is accommodate bier objective systems unkning the acid an commulanisative of the acid an unkning amazimed in digestore is taggod in the stammards that a somethine escape So they being the stammards that a somethine escape So they being

Bo says Jahny Weber director of the Amesoan Christopteic Associativity Duris de Nathern, only he Dull 4 act more tachradily the operating and diale mucosa atlophest, to tack the operating and the association postering the tachradien postering t

There is a middowly mospersive way out of this prob am Weber suggebb being Batane HCI supplements, which are available enfrout prescription all most chugtions as well as theatin

lood temporiums

These are caveads, he notes Chronic Inclusion involutionary beiching could also result from such asynchronic present from such asynchronic present altoremittee for the cause body parties generally between the structure blocks. Both have been associated with involutiany beiching after media. User parents should also consult her physicane balos they fry Estateme socialement.

-George Notibe

"I really do believe that the mate opportance thing about the human rubor is do relative shapisity. There would be bible hape (for as) if the human rubo wou as bright as it thereis it as brid still got takef with an excl still got itself with an excl still got —Edward of the Bone —Edward on Bone

"There are three prear things in the world. There is religion, there is science, and there is passen."

--- RODMI FIDM



Booksh belohing may be suised by a laok of HO



Buster scalpture. The day of the transpart with in over

EXPLOSIVE ART

More than 40 years ago the New Mexico desert bocarne the create of the world's rise along bornth. Today the aare boards of explosions, the shock writee of which are now basisting not through the world of pileos and writee but through the fusihed hallways of the votes of time arms

Scaper Levin, Preventing, di Albagasega, New Masco, in color i pigni registrare registrare di Albagasega, New Masresola actrottole censo di esoto attoposi Wothing anna deve limpa accegi (111 consigni pissa sura accegi (111) consigni pissa sura accegi (111) consiste accegi (1111) consiste accegi (1111) consiste accegi (amed Terminal Effects Rosearch Analysis (TERA)

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Art is les that loif the buth "

ICE-CUBE BOATS

At less gance what Proder ski Wang would appear to have mentad is manip is and ons eight-ond demonstration modes powered by an co-cube through which passes a strand of netrol was composed philography of blackum and nokel

But hold on it seems that rianol reacts lotorfully to temperature changes of 35 to 40°C. The siloy has a memory effect that compete the wee to seek fiscinginal shape Aut contract, the wro acts as a chein beit drue, ihun turring a loy boal propeller shaft

energi associa an efficiente au demontativa an efficiente au la conventi low-grade therme energy relative coat mechanical energy. "What work dealing with here is fractione of horsing-own." sales Wang who works for Innovative Technology International Technology International Merview?

He is amused that the most interest expressed to far has come from toy open pares and California overming pool owners interestelle in a cheap way to concase the water in their pools.

One grand wole the peranted minicipation of the used to gendrate the cost power for such generic industrial dophotomore as discerted incurses fastis scien and generic bites from combustor regrets, bites and electric cal equipment oneven computer experiment Nerval works on the princi-

particital according to definish of the definition of the second second

The only and to our realization of tomocrow will be our cloubts of today." —Franktin D. Roosevelt

/ always washed / could do creativing with my hands lever could "

-Joe Louis



Neteci boar under puwer When healted dat alky events the prosove ecunation of 25 autocompact cars allected on a overlar

CONTINUUM

REDHEADS

These years ago in enoffert to corribut a portower mode (roality) toward the country's estimated 10 million rochesids Staphon Dougles of Lagona Basch Cellitoma, founded an organisation impain as Rechesids internatonal the has ance amerged as one of the det similar detendes of the of sizedened recheside American detende achaecid American

Nothing in perificular lippod hm own has was just limbt of the worn-out old jokes and the cometimes nottion-autile put-clowers. Thepio used to say to me, "fourie really good-doking, for a rectilead, " recalls the normaly placed doking, for a docent (are not easily. "Now just what is that supposed in mean?" he sais.

His organisation now heis 15,000 members, eoch of whom pays enrusid dues of \$19 which antities them, anong other things, to a subscripton to The Redevice, an other acetsic questionly disclosed to improving the 16 of its subscriptions

It is Douglas's contentionthel society does not existent redinada to be among its elle. He digmentation con not exaupt authention tensors in modeling. The imagination proteines and modeling. The imagination recently angled aut modeling ogency basis Ellern Food for is: "Dave Briese Asset" for saying that work exemed bas' Her romark exemed bas' Her romark exemed bas' Her romark exemed bas's leven a second probugidas on the basis of

The quarterly sales herevity on some forly arcane trivia in its efforts to defend the retive American restrict for instance a isolat salue roliod fait while rechercle make up 6 percent of the country's population, they represent only 1 percent of its reported that Sochard has the highest percentage of rechercies percentage of rechercies and reported pertage.

The publication from time to time nume a like of lamous redineads in hadary in case pointe curtosa, ich network of the hit had bahawad in no particular order by Findanck Banbarosa, William the Constabler Countbala, Constabler Countbala, Webert van Gogit, Aldrone Valad, Ernig Jachman Banh Bernhard, and Leoniedo de Viros

fou cannot lead the hungry nationless '

---David Likyid George Teach man kills the shing he

-Oscer WASI

Second School Manual

usually deal with the tusure but sometimes the future has a way of sneaking up and becoming the present—or when the past. Many sciencefuctor where have bund their stomes made obsolete by the interthese match of scone-loce

Given below are a number of godgets and ideas from five scence-fiction stores Can you tall which gladgets or iclass are obsciele and what kind of modern technol ogy has replaced them? Answors are given at the enc of the quiz

 In E.E. 'Doc' Smiths veet takes of intends far adventure people zip filosogh the galway in strips powered by mentalises divers, and they communicate with powerful electratic equipment that often overhaps;

2 Another Smith, George D. wolls in its "Verus Equitemal stones about engineers who, while leng in space absone between Verus and Earth, schedimath problems with something called a "Verustrik".

3 in the move The Tansalantic Turnel Richard Dx field to his griftrend's New York perthouse apartment in #1 Ridports

4 John Center of Barsoom, socording to Edger Rice Burroughs, shoots a rifle that hree radium bullets that explode when suppeed to survivit.

5 in Alan Nourse's story "Bightecie Crossing," is team of accrossite travels accrea



planet Mercury on the side that elways laces the sun ---Ben Boy

ANSWERS

G. Weith and the state of the Mercuric difference and the state of the setter more and the state of the setter is no such that is related to the state state of the setter state state.

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Profile And an analysis of the second structure of the second second

(verlassed by file processed of them to provide the process of the top of the terration of terration of the terration of terration

ALOS BOOK

Mou see page and a set of the



Scene from the movie The Transientic Tarstel. The Annel is shi science fotion, but the autopurp has failed prev to propries.



He took his chances when they wind him, and now the dice have come up

Dark meat in the camwith mucus-one of a every from the strining pool which looked very

Sten call SenTrax and say. my head, and they make something about this in CUDUS (TEN' WHITE AT DAKE knew there was life port What's your problem?" will no way fury were Ast wares to have posoping to adret responsesession of your kinch " head What George brown conduitoy stood in called the shake, the Arr the middle of the barren Human Interface Techphone on the floor borolooy and cidin't want to scle 4, a television fat hear about any postchacharge problems with it wal-frai was the whole itera whet man here been home if it werent for He picked up the chone called up the du His lay for a while with his cheek on the cold in-REVER TELECOM SENTRAX aloum got up and rinsed his mouth in the ank, then The Orlando Holiday souck his head under the invisional next to the airport terminal where tour-



rootenes. Here as everymotel room, he watched gray sheets of rain casment. He had been wait and drop him these, a Station, over thirty those-

laser light of a Blaucurkt high chattered about the war in Thailand and how banky the Livbert States other Vietnem

had been wred up and mady for combel traintours in the rear couch of The A-230 flew on the monitored by its own snakebrain flight-and-fire paddemned multicarno, delights of Disney World running from either side

RNNTING BY CARLOS REVILLA

of his escaphegus—gathing off chiyas when the calakes snapped home and the artisme resonated through his nerves. Its loody singing with that definits, that power.

Then Congress pulled the plug on the war, the ArtTorce pulled the plug on Cenzys, and when his dischargo came, there he was, with with technological blue balls and this hardware in his head this hind since taken on a life of list own.

Lighting valied across the purpled sky, apping it, criaring it into a glant, uptianed bowlind shattend glass. Another too-high man on the holostage said the tropical storm would pass in the next two hours.

Hernition firms were still mich tressy---ests baur and about how hundred and firty pounds. Wearing a powder-blue jumpour with servic abit black signapers heritikated in a bergiftysiwhite controls here abit points. A view of the parasital's feator patches. A view of the parasital's feator patches. A view boson above how how how allow only doneed the black and bot its mean to the another handle her wand bot its mean to the another handle.

The core was schematic aux of the ancient and a schematic action of the schema

The men carrel rumbing through the hatch, more or less helpies in thes fail, but three could seek miniguing dout, while the munches to guilatingging and hying to cape with a growing this simply water them. While the hell do I do now?" George-Jordan asked , hatprigg in midlar, one arm helding on to the hatprig in midlar, one arm helding on to the hatprig on midlar.

Telax: III get you." Inne puehed oft and swooped across: gsibbing the man as he passed, taking item both to the opposite wall and latching to parent them obtained.

Initis gave George a few hours of futio attempts at skep—exough time for the bight, gitting prosphenes caused by the high git of the trop up to disappeer from the vector George speet most of the time noting around in this burk, faterings on the vituate of the air-conditioning and creates of the totation states.

Then it is knocked on his compartment door and stad through the door speaker "Come on falls Time to meet the costor"

They walked through an older part of the station where there were brown clots of los-44 Own Peters of cranes dream with bickate where solves no ben int becaymand hung storg one paie cream well. Curved parttions in threatent learn, gave well the soft lights placed behave them, renfect a central arms, hen uncluked weak learning a crinice that led nits devices. George wes atomice that led nits devices. George wes atomice that led nits devices. Carbon hughes lying back in a chome and vener table intovicit him a half includies and vener table intovicit him a half includies.

Hughes was not the usual M.O. clone. He was a thin floure in a worn pray db, his black.

As he nuzziel her nock, tried to luzziel her nock, tried to lich the drop of biood off her breast, explored her teeth with his tongue, it seemed as if cables ran between them, snapped beneath their gws.

har pulled back from sharp feetures into a ward length ponytail his face taut and a litterwild eved.

"No likewithat, its unimportant. Tell me about your expensions." Ash dispeed off the organitic onto the brown mait floor obvering. "Dollime abouncing house."

City Tradition of the Ar Force for a month or so, had a place close to Weekregion. Blace Spring, Thought Id thy lai get some sillne work, but I was in no ted harry bacause I had allow are meritie of postdischange bernies ocening, and I brought Id their is and for a white

At fait there was just the nonspector vectors i the distant discontection but what the helf-Lung in the LSA, you know? Ayway, I was going a status of the discontection like basis. Do may there had no secing i near provide the discontection of the like basis. Do may the status of the discontection of the discontection of the works on the hold disch make sity vents, and was like I was approved pulsing anxies the response basis of the discontection pulsing anxies the response of the discontection pulsing and wave the response of the discontection pulsing anxies the response of the discontection pulsing things out of the refrigerator—Junch meau, meregas builts, beer all inchd of orage just stood there and skarmed it all down. Dasked the eggs and sucked them right out of the shell, all the builter in big churks all the biologina, dask all the beer—one two three and like that."

Georgen eyes were chosed as he thought back and let the fear that and come only allerward noing again. It couldn't tell whether I was doing all that, do you understand what I'm saying? I'moat hat was me at that what i'm saying? I'moat hat was me at that body wile was at home?

"The snake its presence poses certain problems. How did you confront them?"

Hoped 4 woxish hopen' agen but 6 de and to small work to Methe Peed and and "hey failed in the second of a physical," but hell before was decharged. I had the full works Arywet Mwas a psychiatro problem to they second approximation problem to they second approximation good—succer were at any calls failed with me. The iterrit was called the all works me. The iterrit page got in back with me. The iterrit was called on method and a morth later 1 called the method.

Hawno Inst refused SenTrax's

"Why should I want to work for a multi comp? Onnii, I just got out of the Air Force To hell with hall Guess the snake changed my ment?"

"Ne We must get a complete physical potane – a superCAT scen context of them why and extended adving parties. Them we can consider alternatives. Also, there is a party bength in contextee for directore. You can west some of your collectures three you can west some of your collectures.

After George had been led down the wellfoam exempter by a medical technicating. Onariay Haynes set characteristic distantesse and watching with clinical distanment the shalling of the hands it was odd their hay do not chain in the operating score though it defit methor in the case —AF Food surpoon hard ametho canved on George.

George who needed a kitle turk now bookune her wor ore drag patietacky nonmitaurit has for whom FHT was a tacket to a social makeres. The kink Angel was referented in These had been Plau Door and backet turk the plauk out of the Sanitaa personnellies using a paythological patiet backet turk types. Back the sanita personnellies using a paythological patiet backet backet back to back the Sanita personnellies using a paythological backet and the sanitation backet backet backet backet and the sanitation backet backet backet backet and the sanitation backet backet

No wonder his hands shook—talk about the outling edge of high technology all you want, but someoneix got to hold the knife

All the armore literal of Allows Status test a near of concentric sphere in the armed sphere measured her horse in charater, use find where load flacerotoms and contained a black plater her mean characteria spouler the clack values from only articles inside the cale was a flad press of helpigaments waveforms. Auctuating from renosecond to nanosecond in a play communication.

SCENTIMENTAL JOURNEYS the source our source



he mathewhad haarted him for wears. Shorliv river scewring ground and headed for the sea. No metter how meny leagues they toweled no metter how many years they wandered, they offspring of their own. But how did mena faile.

apploant Aritur Haster wordered, towerse ruch vastness The question had plagued tern in the lab at the University of Wisconsin, had purgued tern threachast her very of service in the Second World War. Finally back Roma in Utari-

he took a lake in the hills one day and was hit by a rush of forcent mourten air Slowly interceptibly the odor ministeric his devocest memorys, and for a moment he was a bay repars. He saw his hords trapsing up the slopes, heard their shouts ring out high and clear. In the course of seconds the fragmence had garred frim back 25 years. Then garre a idea. Hader resized that selmon remembered the odor of their prights. They smolled their way home

Today considered one of the grand old men of biology, Hoster sport much of his its proving his inspiration in the odors, or bouquets. By plugging the salmond mosts, he showed that wellood the same of articli, they just con't ruwgata home. As late as 1980 Haster and his stadents

TEST YOUR SCENTSABILITY

Dates to the security of the intervention of the security of the physical security of the sec

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- a yes b 100
- Dial any of these drives are your shifty
- 0 yes 30 If you, please puption
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- In your conspaceory-do your work adulte observed vispoos⁹
- If you accounted you how long ato you supposed to the vapore, and lo which same are you acposite?"

A company of the second s

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- 48 Did your ability to simell change alle your stopped servicing?
- 49. If yes, how?
- 50 What is the worst string any have an

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A Longer A. Contract of the local sectors of the lo





showed that salmon could navigate in response to octors created in the laborations

F Parcyb, the memories and inflation that loci fisable to this downly are intrinsic features of its pastionater memories. The sense of small, it the last few yakes, scientists in fields as download as board hybriology and evolution have shown that scient lightes our dispetit memories and dama (Tolust your trapporte to scient please fill out our quasitransive, respect 50, before continuing.)

Back in the dags of the house-partnerse new retextor togeths our streaders used oblaccion not may to detect pasteries to and to cross the manual. And the databation tog to cross the manual. And the databation tog this has been built on the streader of the databation of the databation of the beines they have theord these asiss is a packade set of again. They have new packade they have theord these asiss is a packade to the databation of the databation of packade the streader of the databation of packade the streader of the databation of the here have them that themas produces on packade the streader of the databation of the databation of the databation of the databation of the here the streader that the streader of the databation of packade the streader of the databation of the databation of the streader of the databation of the

Exercisely there in keys, as certain size loging to intra-place between the optimiser and the second of the and Cale measures on the second of the and Cale measures on the second second second second second and blood pressure to pake. The second here and blood pressure to pake the second here and the second here to be an and the varies of here in the second here to a part of and the here to be an and the and the second here to be the second here and and the second here the second here and and the second here the second here and and the second here to be and and the second here the second here the second

As scentrals unread the mysteries of the ofscory tode moreover, they ill organizasorial transitile drugs to today, they are, such drugs will take it transplications, psychosa, and disease the basin Among the Bis such drugs mg/t cure are schapphrena, Alherrer is developed.

According to psychologist William Care of Yes the twerty fact certary will be the wartanding of the base, neurophysiologist wyrs in which oddes regulation be body and influence the mind, the explana. And after will we inapped the holding and they are neurophysion the holding and they are holding within mode and ellivates pairholding modeling the base to influence beholding modeling the cable to influence beholding modeling they are allivated and

Before Carrs vision can be realized, sciemists must understand how the sense of small works. We have been studying smell for containes, but only recently have the pieces stando failing into place.

Basis in the first certary inc. the Remempoet-philosophic Lucentus suggested that revises the of different substances enforced try holes deep whim the noise facth hele holes of different shapp, so depending on the thapp of the molecule, we might smell garts the create make or moe in the contruse lokewer Licentes, scientistic determined that nerves, travelad from the oblicitory optimizursimily pach mech main carbo frame inscriptiveleging David Ottaver, an the democrotiveleging David Ottaver, and the inscriptiveleging David Ottaver, and the pace of the optimized of the pace of the optimized of the optimized and the inscriptiveleging of the optimized and the optimized of the optimized of the optimized of the optimized of the optimized and the optimized of the o

Still the server of smell estimated targety instructulation. Scientifics and enabled other terroses Vision for restance occurred when existence known as mole and cancer delected primary colors, each costaporting to a different wavelength of light But as lade as the Sadaw, the server of asset was an instructions of that beam to Lucritius.

Into the weller of confusion jumped a young reasarcher named Robert Gesteland A Source enginear interasted in the reunit bases of thought, Gesteland had se carity prind MT's explainmental epidemic ogy lab These he got his hands on poters.

 Small could be the wellspring of social behavior. Both altruism and mate selection can be traced to individual odorprints gonorated by a sequence of games.

new tools—Imy electrodes that could magauit the current produced not by theasends of onlis but by just one. Now it might be possible he tablishment to determine how good affected individual cells.

But Gestelands test findings even das luthing. We exposed trap officially tasses to vancus adors buildur dinotes ade sale We certening couldn't find denses of oals has were lass gestellater. In been or chus half Our experiments kept geting mose elabor nelle but we couldn't find caregores. Wehout celeforeme we couldn't find at mercy.

Then in 1911 a Focks data University bolgat nemot Require Grazade and some oblegate begin to ensitier disc tory odlis. Some ranke cells wese undergo rg is prenoment regeneration, "Grazado nos aspi, "and they all seemed to very in sign—some were young, some middlelight, and some wery dot."

This fact gave Geraliant and other reorophysiologies the clue like inserted to be all to baid a foliactory code Genetical tast been metauring the current across patters introom rever cell. But by 1982 he had kalende that young cells responded to myied random codos, while old calls date receit at all Only makes calls were actually responding to specific odess and delivering macritical messages to the bear.

By the early Eighbas protein a hold begins to emerge. We in helps a statution to begins to be approximately a statution of the dot that the left to begins, any work can predet that the left to begins, any work can predet that the left to begins any work can be done of the end to be the the last of the code severely proved to be the last of the code severely proved to be the last of the code severely proved to be the last of the code severely proved to be the last of the code severely proved to be the last second to the the severely proved to be last of the the code severely proved to be been approximately the the node.

These partners, excence notaces have that a private loss in the exclute of man. According to Grantadarki talest separticities the calculation of the heap planets the calculation of the heap plane. The software of the separation of the software exclusion of the grantary the software exclusion of the software software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software software of the software of the software of the software of the software software of the software of t

"It looks as if the foreboain typetity deveops under the influence of the nota" Gas adde, says. The instance human babes both with exercised the second second second to brain braining allow looks in ose. With out the notes the both might suffer severely in the development."

Our empoors might be sumpaided as well in the employed regression, explainer Howard Employment of the Day University of New York, and of the provides a permanymotivation for the basic behaviors of approach model and a Anal the suppression and anotal ance responses—the foundation of omobon—in the theman relation

To test the hypothesis that encoding and or or an an encoding vector of the test of the petitive or registree memorys in the lab - test petitive or registree memorys in the lab - test petitive or registree memorys in the lab - test petitive of test of the test of the test of test petitive of test of test of test of test petitive of test of test of test of test test seed of a directive of test of test or a directive of test test These memorys and takings and these test These memory and takings and these test of test of test areas and happen and test of test of test of a directive of test of test of test of test areas and happen and test of test of test of test areas and happen and test of test of test of test of the directive of test of test of test of test areas and happen and test of test of test of test of the directive of test of test of test of test of the directive of test of test of test of test of the directive of test of test of test of test of the directive of test o

The suggestor: Unidates says to the the separates of oddr and the expension of oddr and the expension of emotion are in some basis, physiological way the same Molecules of oddr setem to be stimulating the same basis centees that signal the offset wand or away which unoalie although the function of the set of the oddr online although the same basis.

But the drives leading to approach and avoidance maybe usit theip of the offactory isolary Some biologeth sight the besines of small is the webping of social bahavior, too These receasions contend that two optimationers and



FICTION

The goddess dreams, and her rughtmares of tormented love disrupt a frozen world

PERMAFROST

BY ROGER ZELAZNY

the second secon

The GANA The muse seems to come and go with a wind of its own with several to the second of the bodied with his no offset on its presence or absence A helf-terminar aim sume tousting in a way. The phone mage and he enswers it. There is no one there Apain hour time during the past half hour sime during the past half hour sime during the past half hours while grooming thereast.

The end of the second s

Impossible of course. This is the third look A trick of light upon hard-driven fakes. Nervisa No. He has been nervice since ther anneal the morring before they own.

He pushes past Derothy's staff upon the countering, locates a small poolwage arrorg his own articles. He univerge is the red rectargin about the size of his frumthoral. He tods up his streave and algee the pach signifihe inside of his tht telow.

The transplicer discharges menedably into he blood incom He takes several deep breats, here peels off the peels and drops in into the deposal unit. He role his sleeve down reaches for he plack.

The music rises in volume, as if competing with the blast of the wind the rattle of the log fishes Across the room the wideoscreen comes on of its own accord

The tace The tame tace Just or an instell His is certain And their channelists status many lines Show He chuckles At Aph, physic lines welly reacon both the dank's commp to put jour row Better twee your fair quick Shorte danks to be shot down

PAINTING BY FRIEDRICH HECHELMANN

- 22

The videoscreen cuts into a porn show Smillion, the wasses consists the mass

The picture switches to a voiceless commentator on something or other.

He will survive He is a survivor He. Paul Plage has done risky linegs before and he always made (through it is partified having Dorothy along creates a lived of dep vs that he trick unsetting. No matter

She is wating for him in the bar Let her wort. A few danks will make her easier to penuitabe-untails they make her brithy That somatimes happens, too. Effer way, he has to tak her out of the thing.

Sterice. The wind stops. The scratching ceases. The music is gone.

The whiring The window screens cliate upon the empty city.

Sifence, under lotally overcast skies, Mountains of ice ringing the place. Notining moving Even the video has gone clead.

He receils at the sudden flash from a per ophenial and fair to his left across the city. The laser beam hits a key point on the glacier and ris face fails away.

Momental later the hears the holizer booming sound of the creating los. A powdary storm has mean like aut at the los mounts, hot His survises at the power, the lense, the display. Another Adam. A stages on the give, durating with the elements, attainmating mature tensial remetal guardian of Pingpont. At load Addor never mailtainclose.

The serve corres again A has workness the new races active the basis has manyter begroung by and have be good not be new a warry solution table out-off-mit Serrar hey shars have salen a bot of the Server out-off-mit and the server basis in the Big Weakcoll-fail was when he reverse had the bamet basis and the server basis in the Big Weakcoll-fail was when he reverse had the server off-off-mit and the server basis in the basis of the out-off-mit and the mit has be determined by Dondhim and the server server bit Dondhim and the server server bit Dondhim and the server server bit Dondhim and the server

The briefs of the A contary systeps them themed. Just in the wholes, acretatives realtions, acad boald of the good thregs in the task, acad boald of the good thregs in the task of the task of the system of the source of the task of

The laser flashes again this time to the split. He waits for the crash

THE SDIFLE It is not a pretty pose the last hosted in an oce cave, looking like one of Rodmit loss confertable figures, perfly propped on her latt side right albow raised slow hor head hard harging near her face, shoulders against the well, with lag completerly tuned.

She has on a gray parks, the hood sipped 55 CMN back to reveal fwelled strands of dark blond har and she weers blue trousers, there is a black post on the one foot that is visible

She is coated with ice, and within the much-refracted light of the cave what can be seen of her leatures is not unpresentibut not strikingly attractive either. She looks to be in her twentees.

These brokeneds and foor Divertized solutions when the cavets wells and foor Divertized court loss acclose thing like statisticities, speaking pwellike in the much-bounced light. The gratto has a sipped situation of the tables as its higher end, giving to he place availability thing the court of the place availability thing the solution.

On those occasions whon the cloud cover is broken at sunctown a reiddah light is cast about hor liquid.

She has actually moved in the course of a century—a few inches, from a ponential shifting of the ice. Thois of the light make her seem to move more heaterful, however.

The entire tableau might give the imprasson that this is morely a pathetic woman who

She has actually moved in the course of a cantury a few inches, from a general athilting of the ice. But the tricks of the light make her seem to move more frequently.

had been hipped and haten to death here rather than the statue of the living goddess in the place where it all becam

The BODARC base as in the test benefits and setting the production is cyre and any gate and offinatively snow the Boartbook and Board Details and person-will fastment and texas. The does not much level with those Warther as second destinational and and very welfair larger Alart the fast production of prime thread and the and very welfair larger Alart the direct production of the set of significations over the gates behave by a destination of the direct the set much states the set much states the set of significations and the set fast and the set of significations are set of much the set of significations are set of much the set of significations and the set much set of much set of the set of much set of much set of the set of much set of much set of the set of much set of much set of the set of much set of much set of the se

She is store. The bartender and all of hedites help here as of the mechanical varety. If anyone other than Paul wate to waik is the would probably scream. They are the only people in the heral during the long off tooson. Exception the sitesport hey are the only people and of Paucenet.

And Paul — He will be along soon to teleher to the driving room. There they can summonifolis ghosts to people fire other tables. If they wall, She does not well She tikes being alone with Paul at a time like the on the eve of a creat adventure

He will still her his plans over coffse and perhaps even the alternoon they regift obtain the necessary oscipment to begin the exploration for that which would put her on his fast again fearcasty instant to hern her sole respect. It will of course be damycrous and very rewording "Divi Instein Fer data, near an accesses to the ber for a racher

And Paul. She had realy cought a biting size a reachablockier of the way chain, a man with a giamotous post just balancode on the brink of than. The televising had alnade began when they had mail two years before which had made if even more touting. Of course, he reacted a verma like her before which had made if even may be the before which had made if even may be to balancuon a law balance balance balance here take performed as atom you har more take performed as atoms in the No. In does call for the His stangety winerable and decorder.

She wants to turn him back into the man the once must have been and then of occurs that man will need has soo. The thing he had been—that is what she needs most of all a man who can reach up and bat the moon away He must have been live that long ago.

The son of a bitch had befor humy, though

She is geting hungry

The Christ Negative is based on the word how the how

This system has worked successfully tor many centuries delivering Playpoint over to spring and pleteure in reasonably good condition at the and of each long winter.

There are moutano brinned Papport, while for an dependent of the memory on the stadius, weather and new pools attrations table, weather and the product of the seminations to having a a part of allere estimation to every service on to physically aspect the manifestimation of physically aspect to the manifestimation of the physical them to the assegnment of the the the physical sector the system. They are proved past, and one deposed replacement the comparish main at the deposed replacement of the sector of the system of the system. The sector of the system of the system of the system of the sector of the system of the system of the sector of the system of the system of the system.

Zzzzt! Another block of ice has become a

Z22211 The pucklie has been evec orsted

ward. Zzzzł/Their cain has become a loss

CONTESATIONS The water, needing

Old World chatte The acress triving and

You have everything worked out? she

asks after they have becun eating

Both I need more information I want to

"No " she says. "We Even for a little pre-

thing to come later" he begins "Things have changed a lot / I have to poste a mercute

"I diditil come along for fun," she replies We were going to share everything, mand snything else. That was the under

Come to it? It's always been these. That

Of course 1 m not trying to rewrite his-

wont slow you down all that much

"Id the impression you clicinit perticularly

He doos his gaze quoky picks up his She strikes "That trate settled (I on set

The mass: stops, to be succeeded by a



At your service Mr Plaige more or less. metter of your safety overrides the good dicate we could be hit by some extremely

Thanks Paul says

"I shall now absent myself. Energy your meal

Looks as it we do if tornorrow or later

canadia, reaching out to intelligite other sys-In the spanse it rends up stakes that develop

The heat of summor finally works its way down into the permanent and the strencks people When the cold returns they are is the a factory chears. For ears, this tax' been Writer's queer spread her hands and been

he had analogated persuading Dorothy to other unit himself, resisting its blandish-

takes all of the old familiar turns imakes his and a bit drilly but he begins to persons when he enters. The two cold lockers are m operation. He checks their monitoring sys-

All right go! Borrow the equipment now

He draws nearer and looks down through the view plates at the faces of the sleepers that he is trambling. He backs away, turns

Later in a welow anowshiler carrying special equipment, he heads inland

As he drives, the snow ceases falling and seem all that unfamiliar Good orners at last Then something crosses his pairs turns.

ANDREW ALCON Andrew Aldon once a existence as a computer program, the enweaving thereafter as central processing's usigmental program in the great guardian functions as a program of considerable in-. legity and resource He martane the dit merely respond to pressures but he arrad pakes structural and functional needs, he keeps harrowf in a store of constant elertnot maily difficult considering the resources available to him. He is seldom wrong, always compatent and sometimes befard

This afternoon he is puzzled by the sud det veeno off of the storm he had antice that has followed this meteorological quirk. weather was not. I seems pocular that the menuintee, such as unusual ice adjustments equipment offiches, and the peopler behavior of mechanismy in the one occupied soon of the hotel-a room floublescenely

So he watches for a time He is ready to elervers when Paul enfect the administra Paul does nothing that might bring hates to Paul draws equipment He continues to which. This is because in his judgment. Paul bears wetching

his mobile units to informent Poul on the manheads out of town. It catches up with him at a benchro of the way and sixtes into he cells. with one appendage upraised

'Stop" Aldon calls through the speaker

Then he amise tands. Lassume you have good reason for interfering with a quest's

(0) CM/H

"Your safety takes procedence"

"What do you mean?"

The seafer patern has suddenly be come more than a little unusual. You seem to occupy a drifting skind of calm while a

'So III take advantage of it now and face the consequences later if need be -

All right You've informed me. Now get out

"In a moment, You departed under rather unusual discumptionces the last time you were

'Check your legal bank if you've gol one

What do you mean by thef? I turned in a report on what happened that day

One which-conveniently-could not be

6He besitetes He draws nearer and looks down through the He realizes then that he's trembling. He backs away, turns, and fires toward the storage area ?

verfied You were arguing that day

We always sround That sight the way we were if you have something to say about it 179 1

No. I have nothing more to say about if

'Okry I m cautored

To caution you in more wave than the ob-

1 am not certain that things are the same

Everyfring charges

Wes, but that is not what I mean There is something percent and an about the place now The past is no longer a good quade for the presorif. More and more anomalism keep propsating me or playing games with me

Youre getting paranoid, Aldon, Youve been in theil bok foo long. Maybe it's time to

You son of a brick. I'm trying to tell you something for non a list of fourse on this and all this staft started shortly after you left The human part of the still has hunches, and The a testica breefs a correction if you know you don't. I think you should watch out. Bel-

"Even if there is something out there

What are you trying to say?

"I am reminded of the old Gain hypothe-

"Plenetary intelligence: five heard of it

"Are you certain? I sometimes tool I'm contronting one

"What I cometime is out them and it wants: you-is leading you on the a wil-o'she-MID7

"I would be my problem and yours."

"I can protect you against it. Go back to

No Banks I will summit

What of Doonfry?

You would leave her sime when she month

Lef me worty about that

"Damn #1 Get out of my way, or 11 run you downi

The sport whickaws from the stall Through

Aldon further focuses has divided allenton To Dorothy now Clad in heared gar ments Walking Approaching the building She too had privilegted sizes After a suit-

"Dierre' him?" also mufbers as also passed

"Where are you going, Doroth/" Aldon

She halls and turns. Who ... 7

"Andrew Aldon," he replete Theye been

Your salwty comparts me."

Park

"I'm a big gift I can take past of myself What do you mean partly?

You move in dangerous company

"He more took a women into that same wid area he is heading for now. She did not

And no witnesses

"What are you trying to say?

"It is suspicious. That is all "

constrative building. Alden sworthes to equiother speaker, within its entrance

Sometimes the strongest bonds are also the most unlikely





BY ROBERT MASELLO





Each of these odd couples is a living testimony to the interdependence of life on Earth 9

If no man is in island, neither if second as beam. The beam stoll is hown to sealing of stopping forg because a that have beep the dark flow. Law the beam, many stree or stopping the second second second second second second second second. Bellow of the local second second second second second paralability. The beam second second second second second paralability is service, they send to an an instantiated by render that called second the beam of the construction second second second second paralability. The beam second second second second second rate second second second second second second second second sector values and the beam second second second second second sector values and the beam second second second second second second sector values and the beam second second second second second second sector values and the beam second second second second second second sector values and the beam second second second second second second sector values and the beam second second sector the second

Unlikely pairs ungeriteth and hands (proceeding page, utset), wrates in reacht of lish (populing paging), site Nati reaking in storking (his hit), (basis Rice Bower on the high). Device and dower (baskwi), bann nad with backnine (bashtern hit), hand a rada and pelyhol (poster) (basht





These creatures have flouted convention, crossing the boundaries of their own species.

proy and light of precision. But partners in symbols don't always share equally in the bornetist, some always, for manage, attack whereafters to be backs of forming proy partners in contrarge, darbards and the symbol and the complexity partners in contrarge, darbardsen terms throma advanced. There are assuming any partners always and started associat at any effective calculation of the same same symbol and any of hybrid, symbol as below and any effective and the same shares and associate the same share and contrarge to be same and in the wey burstain of in takes to the bornet constraints and of hybrid, symbols pelabarding than the partners in the same same of the wey burstain of an and the constraints and the same to constraints and the same to constraints

Couplings add and common shrings in this pills of a Spaniah Dancer subbranch (spht), addry, a spinolasis of eight and hungus (for right), atmits on theiteres spinolasis at eight locater ranks). basket branks on vessel (ballow right), clover half ind pile adverted (ballow).







FICTION

Brotherly love meant taking on the filthest work to buy a desperate escape off Earth, into the orbitals



BY WALTER JON WILLIAMS



"Sarah Puns the Wease", Sarah, a new body he asked to be a woman here-to make someone tail in love demotion-they rotate out all there and her brother off Earth and onto clavs, you can bell pornoceache

beanty chosed in a kind of raffed behind-memories, abilities traits blouse that exposes her rounded that month be useful A succession victors. She has Daud's blue eyes, sentity if you got a new body and and treckles above her broasts

the Korolev Bureau has always been accrition and an don't have "She'll inly you I of's est cal bee

The Phnoese is about eighty enough, get yoursell a new body weren't so powerful you pouldn't be What a bell new name?

PAINTING BY DI MACCHIO



Princess has exhibited some characteristic behaviors since she's started her now self a working gui-sometimes a dirigiri a mont or two. She wants a pet but a dargerous one Notitoo clean Alittle rough Not

Thei a me?" Satah asks "Har new per?" We've researched you you were a licensed prostitute for two years. And rated highly by your employees

"Eve and a half. And not with girls."

"Heis a man, really An old man. Why

Serah looks at the blond, freckled gal in the hologram trying to find the old Russian old men. Not really Power they want, over

give you a new body as well? she aske.

He gazes at her steadily, the same calm

non fur end with the concernite anthem sund

Control, she says You understand that go slumming in your off-hours, like Prinhis expressionless eves. You could be "sho

sew you before I was given this assign-

Dorft worry "she says "TI do your gen-

The sale was will be save. They won't have it any other way

IN THE ZONE/VES

In the taxi outside the Aujourd Our Sarah rose and tropers it. There is a hiss of comthe hair on her forearms prickling. She leels mally hard, as & her skin is made of mon blacks that can feel every mote of dust. She Chite

of the club, in sync to the Times Scuren neon abowther expended vision.

Sarah binks as she steps no the cark ness of the club. Neing the chug impelling kie a jock on the Earning Rottan candle of

PRINCESS AFFWING ALUCURD OUT

out clearly in the dark-there is an aura about from gravity Sarah teels her body tinole.

6The invoctor hums, and the needlo sides into her arm on a cool spray of anesthetic. A unil sócios between her and her pays and she takes a rapped breath, then stands 🤊

logged across the clarkened transe Eirobuch dere in counterport to her type, menuant stancis before her

She is a poort four inches shorter and her hips challenging Princeses soft bland yest blooms of purple and velow makeup. never known pain. Her mouth is a deep vclet rosadaut arother beeraton. She is her blue innocent eves. Sarah cocks her

the wide contributer of her eyes. "I am your widest dreams

PEPPECTION DISATES POWER

Nools has a sigarette in the corner of her leather She has clark blond har that reaches deep-gray eyes that look up at Sarah without a ticker

"You can't hestele for a second Sarahi know there's something wrong. Nicole is here

prise. Ancer bubbles in her whitely, coolly you plan to watch. Curningham "she says

He nods "Yes," he says "With Firebud You exertain an and the advect making

"Neke a vid record perhaps?" Sarah aska ningham?' she clemends. Does wetching

Well desitoy the vids together, if you like Atterward 1 Cuntinghem says

Sarah shakas her head slowly "I don't tink

come a little too stirupity, and Sanah wonshe apeaks, her votos gives har away, it is

to Nicole and back, then nocks. 'Will a tree

mant Server thinks the business is done, that its over Than he node sall tooing her

"There hav it has to be" she says There is a moment of silence, and then Cun-Noble gives a nervous smile, wanting to please not knowing who is her taket to

to clear the sweat from her eyes and teels her pariner al right. She keeps and spins purest silver Sarah changes zones, and

She is bringing Princess in placer until like a wave she can fail upon her hom her creat

Sarah steps to her and catches her about the select and they age like skaters on the

Am I the dancer that you want? she asks old mar, Sarah thrike in triumph and bends her head to devour the wolet lips. The eves
ABSOLUT

Othi surgerb volka var istittled from grain gross skriet fullet, og somtenen Skriet fullet, og somtenen Skriet som fordered at the famm of istitteres near finner macaridance volk melt kin 10 grass of Sweetisk tradism blet at skoen sort andet kinner Jiksola som Star 1878 20 PROG

 of Princess widen, held in Sarah's gaze, Her lipe taste of salt, and blood.

NOTING TWEDE FOUND DE/D-LUCKY

Commphants can have those through the right on spread-bluned wheels Holograms side pair the windows in million array. Till be best if you go above to the clicb, "Cummphant says. "Inneces may send some of the people shead, and you don't want to be seen with anyon."

Sarah mode to show she's listening. Earlier his afternoon she'd collected Pie second payment of chloramphenidorphin and her mind was occupied cheefly with ways of putting it on the shoot

"satar," curningnam says, and reaches into a pocket "I want you to have this Just in case." His hand comes up with a small seroed botte

"Yes?" she aaka She sprays it on the back of her hand, touches it, shifts

"Silicon Jubricant," he says "The scent is right and should last for hours. Use it in the westroom if your find that you aren't really

Sarah caps the bothe and holds it out to him. "I don't plan for it to po that far."

"Just in case," he says "We dont know what may happen when you go behind her wats "

She holds if out, expectant, then when he doesn't respond she shrugs and puts it in her belt pouch. She neets her reshaped you on her hand and stares out the wendow until the cer sides to a stop of hor apertment.

Daud is home He's cleared the optical table from the center of the room and is doing his exercises, burring holograms cullining his naked body. She kasas he cheak.

"I'm going with Jackstraw. He wants me to meet someone."

"Somecen ress?

"Yes Ins a lot of money" He drops his weights and lowes immed to the floor, begins strapping another set of weights to his ankles. She stands over him with a from "How much?" she asks

He gives her a guick glance then he looks claws. He voice is checked to the foor "Eight thousand," he says

"Ther's a lot," she save

He node and something his back on the ground, resing his lags against the strain of the weights. He points his toes, and she can see the muscles task on the tops of his highs.

shrugs Barah teels abghiness in her throat 'Jackattsw will be in the next room,' he says "It anything goes wrong he'll know.'

"He's a thatch, sn't he?" She can see the Adam's apole bob as

Daud swatows He nods stently She watches him strain against the weights "Nou don't have to do the," this says "The uten't he strain."

"Tomprow my po will be ovar," she says. "I'll pay enough for a long time, almost enough for a par of licitets out "

He shakes his head, then sonnas to his

eet and sums his back. He welks towerd the shower "I clon't went your monky," he says. Your tokets, either " "Thavit" she cave. He wain's appared, and

she can see his anger "Your ido" he spec. You think I don't know

"Your job/" the spills: "You think I don't know what it is you do?" Sarah's answer is soft: "You know what I

do yea," sha says "fou also know what

"Bocause some man wert tratch once he says. "And because when you got loose you lated him and liked it."

She take a construction in her chest. She shake her hersd alowly "No," she tays. "It's for us, David To get us out via the orbitals." She comes up to herr to itsuch thm, and he inches She drops her hand. "Whole were not her atosch because there with a sheet".

Dead gives a contemptional length. "There and a stread there? So what will see do Saroh? Punch code in some little office? No. Saroh Wold do what we've always done. But it will be for them, not lor us."

"No," she says "If'll be different Somehing we haven't known Something finer"

This include see your types whon you say that? Doub sees "Lee your hope is your drug, and you're hopeard on it. He looks at the sobers, all this anger gone 'No. Sarwh' ho says, "Involvential is mind while you reident wert your hope or you'r treats. Espearaity not takes with blood on them." He paraity not takes with blood on them. "See guide and angey, stilling for its weakhoos for the heart Lee a vectorial.

"You don't mind straining my bloody endorphina, rive netread," she says. His back, sidders bin a moment, then he wakson i Heet alings Sarah's eyes. She blinks back her team "Dawd," she says. "Don't go with a hanch. Pease."

He pauses at the door, hand on the amb "What's the diseases?" he axis "Going with a thatch or living with you?" The river closes, and Saah can only stand

The door closes, and been can chy safet and light a highest war with her angle and basis. Site spins and safet into the momenmeaner taggering her influes, and we only meaner taggering her influes, and we only because it was an experiment. The taggering because the second the transpace of the momenanise historical at down shows the taggering base introcence in the reps. An incocno a talso as base.

TOMOFROWINO

Barah whispers the words into Princessis our as they stand on the attewark outside the Augusta'Dui, while the tame dirfboys oncle protectively and call for the cars

"My remote Dences," Princess says in the back of the car there is a small of seeal and expensive scent. Sassh begins to device Dences, hothing and bitting and brashing herin. She laft the alcon spray of home bul work be needing if Dence has Deuch eyes and her and arguing back fault, and Sarah India hersall warring to touch her Io markie a leaded bit of

The car person through gates of hard-

PHENOMENON.

o, then springs to his Th

aned alloy, and once inside. Denica takes Seraha hand. A security man interts on a lamptuous stare and spreads the wings of her acket, letting his electronic marvel scout her body knowing Weasel is undetectable by these misane. The boy confiscates her needy for elsention into a comp deck

and leads her up a long star

Her room is solt and azure. She lauchs, and laps at her palate Darroa means softyone and Sarah knows his game. His pilote to race Earth to be as strong as spaceforbidden thing, his pernography To put his bright new body into the hands of a playe is

My deam," Danica whappens Her long Impers trace the scars on Satah schools her

Sarah takas a deep breath. Her tongue She rolis Danica entrely under har, holding her wrats molding hereoil to the old marts new out-body She pressus her mouth to Dances, feeling the lutter of the gals longue. mouth the same temperature as Sarahis body but shi somehow cold and brittle Sa cess gives a birth-strangled cry as Weaser's hand losons its way clown har fraget Her body bucks once again. Her breath is hot scopes out following its program, elident for Me. Daud s eyes make desperate promuses Prespess mount in fear, using his strength pagest Saraha weath trying to Woasel furna back on itself as it enters Darbubbling sounds, and though she knows # Sarah thinks she can taste blood. Weasal follows the year to Darsons heart Savah

heaves herself off the bed, retracting Weables for the washroom falls, and orashes into Herhandstum the spegots Blind herhands put the Weesel in the sink and led the water saming chill Weasel is colled with a pel that 76 OMM

supposedly prevents blood and matter from adhering, but she doesn't want is cherice of is learing at her breast. The water thunders she fails beck and sucks Weasel into her and can breathe ecen and tests the cool and

Her chest heaves up and down and her eves are still full of darkness. She knows clear it but Woesel is eating her heart and can leal the phokie of the carpet against the back of her nock as she raises her arms storg, crissing invite, crissing, while Wee-

6Samb begins licking and biting and breathing her in. Danxa bas Daud's eves and has and smooth flesh, and she finds herself wanting to touch her, to make a least of her?

the serie Weapol Edwards (ed. as at real She last in her room, Princess lays spread-eagled on the bed it is issuer to see the old man in her. Sarah steps into the front more

She pauses as her even adjust to the dra teads the amber Times Souare fights above cests. Serah takes a per of doves from her belt pouch and walks to the norms normo deck She licks it or, then opens the trapdoor and takes from her pouch one of the wats for the deck to social her

sic had anyone elte used it. Sarah has the code to convert it to something else. The

She enters the codes A pale light \$ashee in the corner of the scheer: Harveys She

instructions down from orbit, instructions her

dio transmissions. Ptimogas would not have known whill she carried, it would only have Serah herself has no clean idea, though presumably it contains inventory data strateges for manpulating the market, buying and selling strategies. Information worth millions to any comparer. The crystal cube would once the information was removed to the company computer-a corrector second asenst any outside tamporing but that could presumably be accessed through the terminals in the concorate suites.

the cube she is carrying. A theft program, good & is-whether it's setting off overs alarm in Flonds or whether it's accomplishing its business stealthin. If its very oped it of the energy code, perhaps even aterno the instructions, sabiologing the energy s marketing petients

While the running light bloks, Sarah goes anything that could retain a print

signals reasy Sarah extracts the cube and returns it to her belt. She has been told to in the heat room, and every nerve acteants of her to run. Site gits before the comp deck and puts her head between her legs, gulpino air fithe barlies the advanation and har own rerves and thinks of the tickets, the cool she calls harsoif a calo and walks down the at her to sho walks cut. His job is to keep propie from coming in, not to hinder these She takes a dones cales to a dones differ.

ert places, keying the salar lacket in one. the suspenders in another, reversing her T stat and her belt pouch-in althest The point We assault her, and she takes comfort. This a ber world again, and she knows all the warm places where she can hitle

She takes a room in the back and calls Currengham. Come and get your cube!

energyar and some muscle. He comes m

Princees? he asks

"Dead" Currencham nods. The cube is on the table before her. She heids out a band Let's see what you've got," she saws

She checks three years at random, and the smiss "Take your cube" she says, but he



that they forget individuals fall in love and that the romantic affay is as important a part of the equation as the sex-organ relationship

Many people, says the guru of gender, are so obsessed with sex and conformity to the old mores

INTERVIEW

JOHN MONEY

ex or death?" John Money cuestioned the epitated young body who's in serious trouble, if is got to be either sex or death if it's cleath. It's suicide or homicide. And if it's sets, it's anymal moved or wordable men woman or child

the line in a parcing m of psychic distress

furned to the dog in his hour of desper. Then he pouted out the with bosoms, shape changers of fluid sexuality. and story of how he wile had left him, and I mean the whole thing

and Hospital in Behmore, he is also colounder and for 30 years into will is a devastating indictment of civilization's assually repres-

PHOTOGRAPHS BY MIKE MITCHELL

director of the Psychohormonal Research Unit at Hopkins. From "perversions, to the legal profession). Money is in a class by "It is the dame dog!" The voice iscreemed from the other and of himself in his knowledge of the proteon shapes of love. When taik-There aren't too meny polices in the year see. mused Maney load into a watcanous array of body parts and sharap entired recently in his office, as he recalled how his former patient had ment. One conjunes up tabulous cesatures-propio gine boys

Money is author of nearly 400 scientific papers and two down iseres a second associat and derivatori clinicato. Money is disc medical psychology and psplatnos at Athes Hopkins University a historian of Eros His 1985 book. The Destroying Angel with all



see ways. The book's conference is Nerri vision of the Amanca, again the Amanca, again the treasakem. Tired in the methods Costean of pataer ocoder tame and John Harve Kick logg of thete Toek Methogen Relogg i seems inversad confidence as a number outer of semma politions' and metastation ing the basis with such chepters as most present the Consequences," are most present of the Votorum folly to which way and all the Kinwy says.

Mony was born in this in helw zolated of the second second second second second factor desires and simple was reading advanced -enknowned was prevently of New Second - Providence was and in second or a Rh. D. Earstaally ite attend a livearishing approximation factor in the delivearishing approximation of the second values of the second second second detects of the second second second detects of the second second second reads of second second second detects of the second second second method second second second detects of the second second second method second second second detects of the second second second method second second

In 1981 to transferrid to Johns Inspace when to bacence the works is their possible of the second second second second second heat of the second seco

In extension with termshortsdates, Motory, or (or / or) and or is a loss and and or (or / or) and or is a loss and and or) perspin where instant or head and and or perspin where instant or head and and or perspin where instant or head and and instant or the perspin or an extension of the and drawns, in and it. Nations and or perspin of the perspin or and and and or perspin of the perspin or and and and or perspin of the perspin of the perspin of the and and and and and and and and and or perspin of the persp

As he explores new teniory. Money makes up new concepts along the way A recent can is the learning. The three-demonstrated region that the learning is the three demonstrated to the learning learning to the membrane table takes only began to be membrane the takes only began to be membrane the takes of the learning to the takes the three demonstrates the takes the takes the takes takes the takes the takes the takes takes the takes the takes takes the takes the takes takes the takes takes the takes takes the takes takes takes the takes takes takes the takes takes takes takes takes takes the takes tak

A second on the single and on the second on

The shered principle of all paraphiles any Mitony at that they expressing taggoing funned into training. The tragedy is the defacement of the ordinary covernage. The training is the reacous chickform todal weach, age and obtigration. The new map gives fuel—the oscilla safe of mallionnistics—a second chance but as proc. that "safety" been and tendrif but an expected.

Money has theroughly documented this phase of the reasons in a book published in Tebruary of this year. In called Lowmaps Clinical Concepts of Sexant/Scale Health & Pabology, Paraphila, and Gender Temposition in Childhood Adolescence and Macking Assault with this sectoget, 4 in the field and only work of its kind.

In his office at Hopkins, with his way silver har sticking out at right angles from his head. Money looks as it hels been electrized. But in his focused enthusiant, says Onvi stall writer Kathleen Stein, he is among the most relaxed of men.

Own: Why have the sexual passions so long been considered anarchietic dangerous something to suppress?

Many, A the moont Severth Noto Coopens of Bealogy, in the cash a class case control exempts for the basis of the severthe several several terms of the several several notes in models in control terms with the control exempts of a several several notes in models in control terms of the integration of the several several terms of the several several and the several several integration of the several several several several several terms in the context of the several several integration of the several several several several several integration of the several sever

This appetr simple parts of synchronys that appear terms were chosen means or parts of the simple simple simple simple register moready. Uses in heathy devel simple simple simple simple simple simple in the simple simple simple simple simple is part the simple sim

Many it want be chaining to a rand out human human be chaining to a rand out human human be chaining to a rand out human human be chained out and the human human human human human human the random human h

Onvy Do you think there's a struggle going on now over sexual mostlity?

Money The rules of social behavior land to a conv

be self-apportuning woody what isomeing reve--positival additionation enter the last of transmet---termine in to care the last index of the self--termine in the self of the mass of the self-termination of the self of the mass of the self of the piece of the self of th

Money Helpically, there are different tradtions of par-banding in establishing starnoges, breeding relationships. The familiar European one endoased by the Church came through impated Pomie by eavy of the Middle East. This system of the arranged

Alaget never deal with sexual, croic, or genital concepts. He never got down between boys and gris' logs and looked at their concepts of thomsolves that way?

manage the ways tanks and the dustile standardwis sho adapted by he Mosters in caritist was the pre-Roman, pre-One tan Europain one that i call the taisshie system it is the finisce intoisend and part of the Arch north in Scandarwas. In the be trothal system its still recommings were beted on a multistic sequence of the love after finiscence.

The trending culture of any society are simular in the Marset some intrately related to the inschool of portunities into distransition of the inschool of portunities and entropy of the society of small strengts, then entropy of the society of small strengts, then entropy of the society of small strengts, then the system enclosed with the grawth of cases the society of and grawth of cases memolem the grab for their treams, leaved memolem the subschool more leaved all the subschool more leaved and the subschool more leaved leaved leaved leaved leaved leaved more leaved the subschool more leaved leaved leaved leaved leaved more leaved leaved leaved more leaved leaved leaved leaved more leaved leaved leaved more leaved leaved leaved more leaved leaved leaved more leaved more leaved leaved more leaved more leaved leaved more more more leaved more more

Todays college students whole receives any any biagents for it have resume the patient of the beholded by living together be have deting mained. Both control of course has machine system wable again the don't live together to try for a pregnancy but to be those well was mission as mean course. In assessed of the contextual obligations of metricing. Many young people are supuly assess that they grave up in outwards in the pyless families, and they are searching for a better wey. Many people being so obsessed with assess and conformative to be all metrics. Drogit had people being so obmetrics, bring and apple being so put of the metrics and are an encourses and put of the "basing people are very much invalved in its "basing people are very much invalved or the metric loss which has not encourse."

Onver Can a sexual democracy—where people can love whomever frey please in whatever lishen they please — exat?

Money Yis, but I would cause a subclostoppic retruiting. Locause everything works a society in integrated with everything to all the net laken takes the release out interdenting with one another. Some of the Month Maptry speech young people to have the set of even to maximate unit may set defension to many of twenty-egel. But a thus issued democracy doesn't details to children With despute concerning support theses is perfectly speed argument for young parenthood.

Drone Will AIDS have an effect on this histonical propresent?

Many's no ARC has a rank more to be growing in the provide of ARC in the theory of theory of theory of the theory of the theory

He book was probuintly influential in America percutary through Stylework Geham who had many bakens in the 1000-(19) 500 Kellog and the transition of the Construction of the store bakens cally backates he all on the lacks bakens depending theory end giant theory the backatin their chings and abords for motors theory endagement and on motors theory endagement and the motors of the store of the store of the store of the store of the Whomes in the books on one of couldration the store of the store of the store of the Whomes in the books on one of couldra-

unity in a sexual democracy will tarssexasis and others with complex gender iden.

tryitoles shill try to make sex changes?

Menny: At the fire Work Dent Coupanies, Nav gend Lanza car in a symposium on gender transposition. Gender transposition of the transposition of the transposition (b) the transposition (

In indiawas like the fight whether hadproy is one in the motion like but externally these who has away if can be an external the the external away in the home because they are used to be whether — home to because they are who has away if can be an easily into a firstmate. They like to have see with min and at a to be whether —home to document in the second stage of the home and the and one whether the because the second stage and the home and the second stage and the top locate the second stage and the second whether they located the mine and earier whether they located the second stage and the like home and the second stage and the second stage stage home and the second stage and the second stage and the home and the second stage and the second stage and the home and the second stage and the second stage and the home and the second stage and the second stage and the home and the second stage and the second stage and the second stage is the second stage and t

shacked and the corresponding in trust for bioreants-can be profiled in the same and the transmost transmost and the first rest as excellent of domains and the same and the same and the same operation of the same and the same and the same operation of the same and the same and



Here we have participants organise diversions of the target of the sector of the regime target organises of the sector of the regime target of the regime ta

Ormin Your ontoos note thet you talk about these people as if their behavior is nature, and yet you say they ve got problems. Do they have problems?

Menerg With, doint you, just defene pobleming omeriene of periode transposed with verying omeriene of periode transposed bits to benerposed and the second second second second in sparse about whether he or them ago for same handbaged trans for screened to set them, yes, you can find a method here to systemic periode in the second years with them to deep second s

Ommi Why the variety of lovemaps, gender identifications, and persphihas?

Menerg is the move (such as ne expansion but why the human tack has a somely iangauges. When the bean became a laran another degree of place of the boots of the some some degree of place of the boots of the boots and the boots of the boots of the boots and the boots of the boots of the boots of the boots and the boots of the boots of deprecise to the boots of the boots to the boots of the boots of the boots to the boots of the boots of the boots to the boots of the boots of the boots to the boots of the boots

The trains down't seen monobly efficatewining and to as it can that a rate of conversion of the set encode is bettern and tell her what a databy better when the set of the set of the manuality toy the wind of the set of the set then her any set a fair of a rate of the set peterts like the and I can go though my like of long-bodd paragehina, and say, Days here its away discuss the conclusion of a ray of the others? But i really can't recommend that person to a partner bacause i hywarit yet met any woman who really gets turned on by dependent by haband

Its all right you've a perfect match And hose who do sometimes match are the perpinities of angunation, who get unner on by the stumps. That is, if they don't fail too guily once they solution if they don't fail too guily once they solution if they don't fail too guily once they solution if they don't fail too guily once they solution if they don't fail to guily once they solution if they don't fail and too is a separate if they don't fail and the solution is an angular they are the evolution (but reamons) as a same failed.

Onvy. Would there be any paraphillas in a sental democracy?

Nonce includes study of an aborgana comtractive results and the end of the study of an coast the first any paraget in according to coast the first any paraget in according to the study of the study of the study of study of the study of study

But you can't say through with their the coord without contention people, you to an don't the threak near a coopie university in don't the threak near a coopie university in the first threak near the second second second in probable with them nearby second contention to the threak nearby second second second pages more clears with an accomption the more pages and pages more clears with an societary that demonstrates the second pages more clears and pages and

Own: The fortilized egg is basically hermilicinvoldin: undifferentiated but by the eight woak, depending on chorosomal sex, one set of sexual appendus grows and the other attrophes. Why does nature here a chel pathorn We the?²

In Our patient we be used to use that question as a challenge to this should which patient is used in the development of the sexual part of the basin. The best evidence now says that within the brain, the backhamcalmarky/tommonel--process of differentiation accurs to that both misculariting and term involvements bis epident byperform their new term existence with the second second second interacting and devices. The that will be accurately a second beings and deposition in the statistic frame second deposition states that the second second deposition states that the second second second second second second second second deposition states that the second second deposition states the second second second second deposition states the second second second second second deposition states the second second

Genet. What do you think of East Seminal endocnicologid Carlier Durines alternot to prove that bottoessake's is caused by fornoral offerences?In tBBOheraceto tarbow had gay mites have a togger response to settoger injection han at three attacts where you can be able to attact the attact estoger injection han at three provides aphatary regulator that the attact of to screen be statedly in theoremula to screen be statedly in theoremula

> The fool who jumps in where angels fear to tread would say that the opposite of masculine is feminine. It is not It is not

sented that of heterosenuel women end differed born fract-internouenuel and boes usered in 1966 Bran (Backed Dary Bock) doesn't barrier heteroge Burr Hey eer L Doesn in Anseindam nit only failed in expo lakes heen fange burrhowen that he dilier for an incorport was burr burrhowen that he difference and her burrhowen dough see factors with hit he directed that moult have burrhowen of the benchmark polaring and in the backet burgde cells. This sheren mon appears in bah heldes and homeoastic men.

Boome were one says Juffer H Hall an address if the grant model in the series of the the brain. He found it didn't make any difference if they were gay or straight

It is hard to leave if in your group of homoseulas, yourg going to pokulu, some who may have damagad Luydig cells. Domer waan titoo lusiay about reviewing his paberts for unequecide contamination from. for niterico, regular doug use. The question is its likewia ginaler proportion of gala to shaqda its with Luydig cell importment? And how will you left be?

Grave lant solonce a bit deterministic in inseting on a purely physiological cause?

Many, the and I don't know why buil get attacked him both select the two why buil get attacked him both select the two e Some homosevenes work to make if all a matter of most chacke, and i all hem flay re char. They couldn't all nice which works of the get a million claims. They might be able to tack har but king in two is nice king with eart not bour of in it.

The problem escace nell to a simple conflic state - two do you privou ophote state, a toomap the maker you'ld in two with you or encode When, and finacy in Hat dataset does right mo the too?/" Thoogh dataset does right mo the too?/" thoo is body our instruction as when here we pronet the too you at on your instruction tablem in the esc?" of does right in through your representation does if what in networ being able to change stated proceed motion and an other to thoo were not being able to change stated proceed motion and an other too.

Drew Could we preate new harner panders from the procreation of groups with the same sexual anomalies?

Many, Sach is gib with processus on said "public" Mark we need a cause of the event of whore? Why not capation on what caudia are well weakers are in the order caudia are weakers are in the carego causes by the said of the area of the said of the event of the said of the area of the said of the processor is suggest the meet of the saids of the attacked poil cause from a said from a said of the attacked of and and the attacked poil cause of well if and and mark attacked poil cause of well if and and mark attacked poil cause of well if and and mark attacked poil cause of well if and and mark and well of a new course point when the standard of the said of the attacked mark and well attacked and the attacked mark and attacked and the attacked attacked and attacked attacked attacked attacked attacked attacked and attacked attacked

draw. Do paraphilis have more intense eroto or love experiences?

More your Somethics (Intersection) which some Theward by money to their bear of the same They money to HET (postore reasons throng yourly (setting and such ensuing the same through through the same through the same through through the same through the same through the same through through the same through through the same through through the same the s

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If you know anything about medium format photography, you know how the bag BuScm negotive minimizes graneress in the enlargements, makes relouching an the negotive cases, and results in more obtained photocraphs

And if you do'to know about motium koment company, you a proboby know that kan lens reflax, comatos are doub if the most efforcable way to get into meduan termati. The II if commo a familia or way and the title commo a familia or way and the top of the top of the most intruuence if the expension, the expension of the most intruuence of the expension of the expension of the most intruuence of the expension.

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The bit is provided in the special of the special o

tion befows, o unqué readout to let you easily read subject distance, parollas indication ord exposure compensotion Marnya has been matering qualk-change TLBs for 30 years, ord wetre shill the only quick-change ortists in TLR pholography

Mamiya C220f-C3305



the angel mathematical and be deade weaking with University of Massenhustett al Anhams of the University of Massenhustett al Anhams of the High with an indematic geometric object of themanutling with an identical geometric object of themanutling publicity (I learned to sign away from him an in rotated in the head, and investo complex to visualize with the continey tools of offerential geometry—appoint (insi stratification course a inverse fairs (appointer to meval) the degrant curves and appoint of the environment.

At the mages on these pages as geometric desurse invanisation complete embedded marring surfaces (A minimal surfaces in the a tightly stratched membershe whose area as analitias i an possibly be embedrated marring in their doesn't moneout tedf. The spinal anapos (octions left and part) are very on 1 the holocol, one of the three part) are very of 1 the holocol, one of the three part) are very of 1 the holocol, one of the three parts are spinal anapos.







6Like Jacob wrestling with the angel, David Holfman wrestled with a mental object of terrible complexity, an abstraction called a minimal surface ?

After making his observations David Hoffman returned to Costas equations, and with Rice Unversity's William H. Maska, worked out a formal







Watching the shifting dances of minimal surfaces, ordinary mortals find a secret passage into the abstract, otherworkdly realms that mathematicians visit.







methematical proof that the object was what he hought is was. "This callaboration of art and seance produced something significant to both fields," Holtman says.

Definemental geometry at the study of curves and barboos in species molecular proces in verivabley physical reaces as well as then higher-dimensional realogs in the unusual complex resimilar thet only mathematical sectors well. Observing this althrup carboa of the Hortham Meeta Costa subsole or dimense of these inselfed works.

The large picture at left shows the surface at its most polid and detend. Triling the same image (stoom right) evenals at www.into de holes (The Hoffman Meeks Costs surface belongs to the same topological genesi as a disaginut, or tarus with threa basis in of 1 Above Boo Jeffs, the surface is



seen in should a signad down the y-axis in another image (bottom left) the colors are determined by orientation to their them are grown, red, and bue axis. All first grance the image next to it (bottom sphi) looks identical but a closer look nowas a different ancie and coloring scheme.

Otherworkdy as they may seem minimal surlaces have some redeviced applications. Nature hease luses them in the structure of the sea urbhin for example. Man uses them to solve peckeging petielems, to design inhubuties such as terms, and to probe certain problems in theoretical physics. "Weinnal surfaces in themselves have an elem-

"Vesical surfaces in themselves have an allocated thetic sposal index Janual Hoffman, who plans to add a fasture to his graphics program (called Vesue Programming Language or VPL) to annate the images "They are interesting objects to contemplate simple with role role obvious" DO

SARAH

sure it has what he wants. Then he puts it in he provided and hearts for the door.

"If you have another job," she says. "you know where to find me "

He peakes, a hand on the knob. His eyes facker She receives an impression of endness from him, as if he were mourning scenitring newly dead.

He is an earthly extension. Send hower, of an obtaint bloc. She doesn't even incest when one he is a writing tool and an obtdent are and the healed him her score on this account. But this doesn't diguine what hay both incow That he would give all the contents of the passielt and everything allow basedue if she could have he boliet and on the same tombs.

"Till be on the ramp in an hoat," he says. "Going back to orbit."

She gives him a gim "Maybe 11 be seeing you there," she says

He nods his eyes on hers. He starts to say something then turns himself of egen, is if he reactas if ponders. He cardin, to asys, and leaves whost another glance. Drey of her fixed invasies looks in at her.

"It's clear," she says. The muscle nods

She looks at the fortune in her hand and leek holdow. There is a vacuum in her chiral when this up should be. She pays off her hired muscle and takes a cab to an all right bank, when she deposits the endorphin in a notable box. Then she goes horns.

The appendent home softly, emptily, the trade the control to har LLD and turns of or, then throws the clothing mithe toath. Noted, also steps into her room and seem the hold of Princess cut for it her turns it backbandly, she reaches cut for it her turns it backband and lab role the welcoming backband.

> LONELY AND WATTING FOR YOU TENRY & TOUCH NTENDER

It is still right when she awakens to the sound of the close. 'Daud?' she asks and is answered by a goer.

He is wrapped in a sheet and covered with blood Jacketsaw holds him up neck muscles sharing "Bestand," he says

She picks up Daud Me is child and camas him to har bed. His blood streaks har arms, har broasts. "Bastard went Batch, Jackshaw says. "I was only gone a minute."

Satan ananges Daud on the bed and unwraps the sheet A whitepening sound forces is very up her throat. She publisher hand to her mouth: Daud is striped in blood. The thratch must have used some kind of weighted whip. Weakly, he mee to move, meso a hand is if to word off a blow.

"Lie back," Sarah says. Yours at home " Daud's face crivides in pain." Sarah," he says and begins to cry

Sarah fields least stinging her own eyes and blinks them away. She looks up at Jackstraw "Did you give him anything?" she asks

Yeah Endorphine Histowy

His eyes slide away "It was a busy right," he says, "I was only gone a minute I

She turns her eyes back to Daud, "It took more than a minute for this," she says "Get the took out."

There is a savage light in her eyes. She wante to tear him, but she has ofter #ings to da. Get the tude cut? she topests. He hestates to emotion network then sum away.

She cleans the cuts and cleanlocity them. Dead onces strendly Sorah locits for his mactor and inply in loads with endorphine from the cache and guessos at a dostop. She publis in his aim, and he streng her nerve and green to skeep. She witchns for a while and then publis the covers over him and than solem the light Quest in board, and eavy. Eve polte proceed your board.

Daud normally sleeps on the convertible sols in the front norm. Skrah closent bother to open 4 just lies down and starts into the

 He nods,
his eyes on hers, and starts to say something,
then turns hurself off again,
as if reaking,
it's pointless. He tells her to be careful, and
kerse without another glance

black. She doosn't have the strength to skep LAMPG IN THE GRAD 2016?

The explosion has enough locks to literar this solid against the fer will. Savish loots a hot cault of word that tesm the breach three het more, the elevator exmainst of the world faing away and thin a shhall impact as the wall cornes up. Screene are tooched hard every corner, at this ensemes that Phrooten never ubered. There are test being two red liserabilities of the encode of enablement.

She heaven, hensel up and nurs for the other noon. She can see by the light of the burning bed. Doub is screwled in a conner and parts of his body also optim and other parts are on the wells. She is screening for help but manages to get the burning bedling through the hole in the wall. She thinks and the burn he wall she there the the but manages.

> ECCP MEDING WORK? WE DELIVER

The ambulance civver wants payment in advance, and she opens her portfolio by comp and harafass the stack without quartioning the proces he gives her Daud dies threat threas before the civver's two isolatelets as well her use of the accenteers two isolatelets time they bring him back the prices go up "You got the money, ledy and hill be fina," the cinver tells her. He looks at her naked ness with appreciative eyes. "All kinds of arrangements can be made," he lates

Later Serah sets in the hospital room and widther the doctors work and is stall there meter of payment. Site will have to convert the endorphine capacity. Machinese attached to base with semantineary wall from the buildnooked after apartment wall from the buildnooked after apartment wall from the buildnooked and there apartment wall from the buildthere aparted and the build of the build of the start from apartment wall from the buildand there aparted is on a while and there is low.

Bit works side had the richald: Do needs that is to be do the big bit point prevent last, is much at last 11 Country parts to poop had been to be addressed to the source that and the last 11 Country parts to poop had been the apartment had been been to be a beau. They and be the bit has three to go to a beau. They had be the time to go to a beau. They had be been they had be able to be through the work of they had be three through the work of they had be had be addressed to be the wouldn't by to be the poop of the address the had be the time to go the had be the had be the time to go the had be ha

Who would I tell? she wonders

But remembers Duriningtern at that last morrary in the Plastic Girl, the software in the Nethage the design has not been this, perhaps in the software has not been this, perhaps in the been made only his object ton. While doll the orbits care for online and larget them they had alraady killed millions and larget the most alive only so long as they were useful common?

The Helman globs into the room on celllike fast "I am sony, my seles" he ways "I had no indicatori it would come to this "

Sarah sods rumply "Tknow Michael"

"I have people on the West Coast. They will give you work there until Currengham and his people forget you exist."

Sarah looks up at him then looks at the bed and the humming hissing machines. She shakes her head "I can't po, Michael."

A bail mistake Sarah ' Gently 'They will try epien ?

Sanah makes no reply, teeing only the emplexess inside her, knowing the emplness would never leave if she described Daud again. The Hetman stands for an uncom forbible moment and is going.

"Third the solid!" Sarah whispers

Dutates eine can see her mut being under teilt he kunnet auf Earthie disprang, looking to there facket, junggrang nich wite einer workd geine there a thragment of their dream. All paiving by someone elision suice. Takeet the backet motor bain machines hand the backet motor bain machines disposed as to sine can walket the machines because and orthogened in the machines because and orthogened machines to because and orthogened machines to an under teame rends **CO** Users are greeted
with a menu offering everything
from UFO reports
to the status of Zeta Reticult*

ANTINMATTER

Long a standard elemont in video acoade portes flying second an finally turning up an the personal comoxiter somer, as well fine mode of transmission COMPUTON the inst compares toulear board developed to serve famo, and teaserve of the LEPO

COMPLETON run og lærdtvegstyressid acodent riveste gotor Kroheel Hart, bit of ha torre in Dealt Wahngon wort omhre in Noverber 1884 Hart samtel des with an Alari computer, a Hayes mobuter, a Hayes mobuter, a Hayes mobuter, a Hayes mobuter, brussy 1866 he had upproced to an BM



UFO UPDATE

ding as many as 5,000 pages of text, and he boassed a membership at least 100 strong

Uses signing in Hait expans, or greeted with an Alo-2 minu officing everything from the Freedom of Information Act to the status of Zota Peteuk: a major who in the state major described by Betty Hill. Caters can also access NASAs space-Afurth scheduke and a kird internitocaried within 54 (Advivers of planet Earlin

Bet COMPUT ON a most important feature is its lot 01/00 eposts, usually 80 or 00 Arms (log, About 10 percent) of the sports occess that the used by an emotion of the sporting atmixed is a hot we used by an emotion of the comptoe and low emloadement againcess across the outriery Other latings come time such organizations as the Anal Spoce Phanomena Revenue of Massachusetts and Project Sigma, devoted to he study of an an implications.

Hert adds that each sighting is listed in one of four caseuones. A UFO appearing on the bulletin board, he save, Is mey cours say into the line for severitren coins a minute. As a stands, communication with the Orient is exceedingly expensive and slow."

As for users in the United States, hey can obtain reader information checking via inclusion. The wine americany magneting a patricular primaur. Hart will introve the information and hard states at a case of COMM-KON is commonly there. But becommon and a state of COMM-KON is commonly there but be a state of COMM-KON is commonly there but be a state of the state of the common and the state COMM-KON is possible with the state of the state compared construction to the Musel UFO historic to be access to ensure that to be function.

Why put all that into a computer service devoted to somefaining as epheneral as UFOx? 1 guess begause of my innet currosity." Hart says "Beades 1 thought it was an imbothert service to provide "

To much COMPUFON by modern just dual 1-206-788-5901 -- DEVW/S STACEY

classehod as a nockunal light, a day tight dec a refar signal, or an electromagnetic effect. As new sight rigs as tied old ones has burged off.

According to Harr, in Booght the enginesit builterin-board soltwate from a fellow with curst light what i amited. He is now unyegio eait up a smiliar, system in Ban Prancisco and to esse opministration. So uses in German, Bite and Jarven.

Tim brying to export my software abroad where needed. Hert explains And 10 like the Japanese to es tablish a competent permit lived that ace



THE R. P. LEWIS CO., LANSING, MICH.

Most of the time we shalk we concidence to notimal hisponstance. But sometime events part solar to dely the odds. Take the merup of two identical cars at a Streboygan Unitio.

Alter allogoing at the Northgate Shopping Cervity Thomase Baker eta/Intel 10 what he thooght was has 1978 messon-polated Amaincan Neters Concord. He unisologoi the doce with the Belowin sair toolsow-inch farms was toolsow-inch terran was too targe to 14. between the wheat and the asia: And looking abound the netocol unitervitie objects including accurd the motood unitervitie objects including accurd the resident dis auxily fibriding collale cupo. BatTech he resident dis auxily fibriding

As the significant the solution an isomboal Concord poind up. According to this oldenly couple inside they of robiced sunglasses and other untermite personal acres while loading grootenes into the car. After checking the car. the boense plans — man reserved he was driving the wrong vehicle

American Notice Corport bon (MMC) selection to the the Dust permit out thet the case with the same key is 100(b) 11 Nurview rysc controller the matching color and model and the fact thet the same place at the same time the adds the odds begoing more the lame time.

As it burned out, the odds of this particular invant whe smaller coll. The divices shared more than a tasks for matorix Concernia. Thomas Baker and Mr and Mrs. Richard Baker shared the same surrame as well.

What to make of all this? Brychathat James Hvill of the University of Tissia Hoath Boonee Center at Caliba says the incident at 's good a caligie of what Calif Jung colled synchronoity altern he connect to explain meaning/uf connectionees for which I dinary chance is not a spin intern replanation. Such swins may reflect the underying order of the unverse Hall adde. There are deeper meanings to these kinds of going donces, and they has recenterized.

But University of Dregon psychologist Ray Hymen designees. "The odds are spanist any one such even he says. But they also

istons of such opcurrences, can take place on any given day. One can sigae in floot, mat the lend of thing should happen even more offen then it goes." Shoury Baker

Webh doctors are the tororunners of modern hoolers 1

Fedgy Coordina

BUSILING STREET, STREET, ST.

It you think you to had a psychic insperience and you're inseesed in exploring the subject further, the Pay chighly sical Laboratories in Princetor, New Jacoby wards we

The lab is conned y anmerican an which guarded expansion of its land guarded expanded expanded expansion of the second stage of the transmission of the second stage of the schedule of income experision schedule y the bay out de hard particular the bahard of hard hard bahard and the schedule of hard schedule which ender the bahard bahardes which ender the bahardes which ender the bahardes which ender the bahardes and bahardes which ender the bahardes which ender the bahardes and bahardes which ender the bahardes and bahardes and bahardes and bahardes and bahardes which ender the bahardes and bahardes an wage usually a picture he views on a video monifor

We navely ward to emphases that the tests and run ' hereingon addata Properties wards anticipants with the second second fast processing fields fast processing fields and second addata and the Durkman Nath Castolina Foundation for Research on the Navers of Navi And Navi And Durks Navers Control of Conse - Offens Control of



AUTIMATTER



NUMBER OF STREET

When here being on got to buildans for a new high may not long ago, sain of the road out Proxip The ascherological remains of an an cent holder viago. Recently, a local metacenerses has womed that the maters build be clearing

Table threes that if they, proceeded with the hand, my anceptions would take revenge, says Namcosa thcare Car. Tence (above), altic known by the name of Wayandage. If warned them that seoprocedion from the spont analm could be reported.

Soon after Weyendegas des prediction, made public all a brees conference a atring of disarters thick Pozzo S5 the 4.3 mms proper in toolin Jossey's Deptor Tawaship Che voolar was his and killed by an appliat, roller An Inspector (a) 1.5 m the yob after a breas areas the yoth A worker was regard alling from a highwary biologie another auflands throw heart fatacks, and a thrid head is feed turn black from a anoutatory cleantier. Then here was the van carrying here ower the van carrying here ower and headdonly.

"If got to this point that What is going to hexpoint monly asked on the pomonly asked on the pomonly asked on the pomonly asked on the pothe intervention to make there who worked to make the state of the state of the there were asked on the state of the state of the Accordition to med case.

main Waywhilegai I he source of the hocker al black Work ets constructing House rig have been been black to be an over the black integrate who make test the willage a 000 years bolinos. Heinghan Robert Hanger of Disasbook bein College easy it's possible that an cannot were in devet to cannot been

As crew sends, there are were to be carpos Server law is born George Turnclaus and born George Turnclaus and period on on trainaur. O there and the works of Way and dags himmal who most here the most will never be safe to insert on "Unit hery role safe Highway 35. Way in Schwart is be deeline in -the Menture is to deeline in

100.00

Of course a will be woter tailer and longer than the one in China—everything in Testa is beget—but are her really sensus about wating the whole state of just to loage out the "beilger?" "Nes an we are sensors says Kenny Bob Patons with founded the Great Well of Toos Scorely some five years ago At Indi. Patons adds the class was just a Texas boost, but since then paties interest has furn paties. Interest has

We have about thely three hundled members says Pleasins. "And they don't all come from Toxias the folies in Colorado toxe the doe, and even the Delaho mans seem to be in favor of a well.

According to Handren Utalifog is all below high 40 box waarbong wat all 48 miles Twas boxet in the mail all the Twas boxet in the state Twas the state in the state the the will well easi about the the state of the state of Material for the state will make the state will be the state the the state of the state will be the state the the state of the state will be the state the state of the state of the state of the state state of the stat And several cultural exceedes - museum and a group of artists have expressed infernation renting space in the wait's interior values

We are going to shart con investion an Marich Ison Internation 20 to Internation (to ways Pensions). The wail will be constructed an a Gather manner more tike the Bisonic Chapter than the Direct Well of China.

Is this for roal? Wes addenting to Stoney Burns publisher of the Texas enter terment megazine Rudoy

The Great Wall of Texas Society he sitys is one of the most worthwhile organzations we have

Profile accurates to the generous and the altomage generous and the altomage generous favor mover hexed of the propert Bark Mark Parsons endone or year bark and a bark of any product that which of any core occump or going in them each student bark of hear endone of bark of hear endone of bark of address of the tensors above ten



ANTIMATTER



SUPERING OFFICE

Connect three are heppering in Vignia Basch. We ginal these days Builtwo local organizations—the Christian Bradicating Network (CBN) and the Association for Research and Enten for Research and E

Crear al CBN, so years dismatch headings are noported addit marthin in response to "weatis of lexouedge" spoken by elision and averygical cohese on the scales (12 lexonese han 200 CBC God's power can sometimes seem failings, way also there seem failings, have a been happening since blakcellimes.

Pight across lown, memwhile the ARE (devoted to the lead-ings of poychio Edgar Cayos, shove) says in invest-gating remainmation and ESP According to ARE 24. Data president Charles Caylos grandaon of Edgar His group studying "the group towing out of Virginia Beach ts the same force CBN is alking about when they to heating objects."

Is there connecting about works Bloach the makes the hot spot of paramownal activity? This according to Charles Cayoo, who explains hat is group of highly evolved beings uses Vrights Bloach to do its work. This an energy spot where bray cath influmos the each.

Bit CON reals such nations are decidedly wrong "What we do can be exprened through Inspiration," says Miler "We give orecit to God, the Pether And ARE constructive deal not

According to ANE's Cauce "Part Robertson tarks about us being in cathods with the dewill fim shill anxious to find some common grounds between the APE and CBN But the way things are right new "that detein 1 seem."

--- Sherry Based

"I connot imagine a more hightening nightmare than continunication with a socalled superior ovilization in content."

-George Walc

The thought of an act of pure forms' emerged years ago - unpretentiously almos topetics it?

-Wassilv Kandinsky

"The high density and high energy of a substance is the pre-myslical, preaplosive condition of matter " Selverin De

dim to contrainer

Mention expression and most of us think of the Satanpossessed move character played by Linda Blan Now expression has also been adapted by some UPO investigations to protect the voting of so-called alian addictions

Pepthateal Bernold Schwarz for instance reonnty used the technique during the hyphoto represtion of the hyphoto represion of a forty inde-year onotonally crippled after his abduction aboard e UPC if the use of inselerin

I am addressing the enh lines who have used this man as a tool "Schwarz began "Thate will be no more of this. You will not hasses the man agen. His fear of you will disappear because he is in control

¹ I'm now sleaping more than just two or three hours a ingo! ¹ says the man who asked that his neme not be revealed. But I shill dread the trought of them coming to get me again.

9

and resulting possessions real? UPD investigator Buck Popkins, who also sourclease abductees says yes "1 assue the individual he can black the expensional from necuring. Hopkins says "1 get him to see the he has researced by the point."

Bui John Remein autori o' Re Evolence for Alem Ale Autoria, intels the econerces are pophological In organ 1 decids that and/acses in add postboling to a satisfareantrals. "Remmen astrogenetical and and and satisfareantrals." Remmen astrogenetical and and the message the adductors the message the adductors the message the adductors the message the adductors the adductors asset to aprend." REC MacCitego and REC MacCitego and

Whiteut memory you would smply be a dhifting organism bemuled by momentary megas and other stmut ---Mark E Brown

It is easier to ondure death without thinking about it then to endure the thought of death without dying ? Bance Plencer

ON PHILOSOPHY

Thank you, obilosophy - you have been ence. When true to yourself, you look objectively at what appears before you, you question and analyze that which custs, you ponder the puzzle of bone.

danger of being put sade as old som because, it would appear, science has it so all the knowledge and world of facts adgreet

what you found upon honing in on the true, essential nature of existence and on the question of the adequezy, or inade-

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SNAKE FYES

of knowledge and intention. Aleph 11 is connesses-any frought becomes the object of another, in a sequence terryinated only by

So strictly speaking there is no Aleth's thus no subject or yerb in the sectonces with a coston even of a mode of bern, and

Alerch hart observed George Jorden's arobservators in the pity completion and empathy frey generated, as Alaph longszy its acctaons, passors, pare. At the same

room in eggshell blue, hilod with dark gras turio from wells and cering to make soom

At the sloor George met a tall woman who and, 'Welcorrs, George ImLazer Charles begitt, pokt-fectived bhas Sivero nows slightly model She wore a black skirt sit on bolt shining cable sunctions beneath her yaw She

Are you the recruiting officer? George asked "I to good ob."

"No need to recruit you I can see you've underneath bis law where the cable suno

Not yet I haven't " But she way not i of course-what else could he do? You got a

for another. Later he realized this was a misall he knew was, two beens and Me was a

And there was Lizze. The two of them spent much of the time standing in a correct George sistyle, but at the time it seemed appassage or initiation-but guickly he let what? An invisible flame passing between frem or a boing clead of theremore her eyes seemed to sparkle with them. As

Someone had a Jahfunk program running ented lamers without success to pert his othersneke liked Ligzie-It did. George was sure

innis led him away stumbling and weavback and said. Where's George?

'Too bad We were just getting to know

"Bo I saw How do you teel about the?"

Weil don't ask such dumb questione I doesn t-eo i'm reach to do what must be done. And by the way, I really do like tem

in public any with the fined to call Larger he hung up. He lay in his bod in a semistu-

Somabody brought me horne 1 ft rk

to meet me for lanch?

Maybe Depends on when Hughes words

Same place honey Call lour

must have an extensivery a man produced and red, ameling of chiles-in his condsaid. "Are you trying to make mis sack

Courage George Maybe you should have some ... It is you or runn you. What

But let me tell you what I really don't get-

"They want this simple thing, man, peris, periphicitis 'You and mix were suit peris for the neutrine. Aleph, which is to all in each userue has got all these inputs—which audo, tabletic receivers—but theyre durits. What Aleph wants to use us, and parts all hear works to use us, and parts all hear works to use us, and parts all

He? You mean imis?

No who gives a darm about Inni® (m aiking about Alaph On yeah pergia willies) you Alaphis a machine anit all Inat sullain. Uh uh Alaphis a person—a word lond of person: sive but a dafinite person. Het Alaphis a but a dafinite person. Het Alaphis te but a dafinite person. Het

Till take your ward for it Look there's one thing I d like to try. What do I heve to do to get outside _____o for a spacewalk?"

Easy anough You have to get a license-that takes a three-week ocurae in weivy and operations i can take you through it im qualities as an ESA some-statem as help, instructor. We ill east tomorow

The oranes on the wall hew to their myell terious destination, looking at the display above the table, George thought it regist as well be another universe.

Turranked optio nerves stocking out two insect antionnae, a brain floated beweeth the extended black plastics croud a Bony hadcellos projector Ain tugrins worked the sigboard in frant of hm. The organitured ao hait they were boking at its underrade il tude a time indexide al silver werea taking from it but spenied orama.

"The George Jordan brain." Irres said "With attachmenta Wery nea."

Makes me teol like I'm watching my own autopicy looking at that thing. When can you operate get this shirt out of my head?"

"The pseudoneurons are not just im

planted --theyte new a functional organic part of your brain" Inne sold "Theres no way of removing

the implement without loss of order in your reural maps. We can't remove them "

Charley Hughes said. Though the sneke

central be removed is can perhaps be charmed Your difficulties arise from its un-



The best sound you can hear next to Carnegie Hall.

Toshiba's new CD player makes concert quality sound portable yee, hooled up to your steveo system it's stop of the inter icD player Offering 16 groups and another the steven steve a wrights nemote. Sothaba's XR-P9 is the complexe, portable CD player Quivide of **TOSHIBA**

a concert hall nothing sounds better



carload uncontrolled nature—Is appetities are you mgit say primoval An ancent part of your bran has potten the upper hand over this rescarties, which property shauld be in command. Through working with Aleptithese properates can be integrated into your personality with this contential.

"What choice you go?" Irvis asked. Were the only game in lown. Come on, George Ware ready for you sail down the comport

The only light in the room came from a globe in one comer George by across a latics of tweedo forwer floats strung across a francparent plastic forme and suspended from the caling of the small, done-calininged pink room. Fresh-colored cables ran from the neck and despiposhed into chrome plates survivilate the foce

Inno said. This we'll run a lest program Chatey wil gee you perceptore—colors, sounds, usess, smells—and you tell him what you're picking up. We need to make sure we've got a clean interface. Call the terms off, and holf stop you'r he has to '

Inter-wert into a remove som, where Charley Hughes set at a dark plaade concelo suudoor win lights Behrind him were chrome stacks of monitor-and-control equipment. The yellow benitive services to the face of each proce of driving meal.

The privit walls went to red, the light shoted, and George withed in the hammodi. Charley Hughess voice cerre through Georgian river air: We are beginning 1

Red. George said Tillue Red and blue A word - cathon A smell, and savedust maybe Shit Vanila Amonde

This went on for guite a while "Youro study," Charley Hughes study

When Alight caths offene, the rule recent despensered. A metrix eight hundred by eight hundred—an hundred forty thoused peets forming a cipcial maps—ine CANA supervise removal, a cloud of dust serve trem. NASKE High Every, High Chib Coservatory, George don't lise in the maps in aliamete blanded to an octived, maaningki aliamet of thomestic

Byte-transitioaen, seven hundred Rhy million groups squrring from a National Seourty Agency socialite to a receiving station near Christicizague Island, off the eastern shore of Wagnes He could read them.

This is in index to be added t

Lizze took George to be Iffed for a suit, and his spent that day learning how to get in and out of the still white carrgace without attestance. Then over the next three works she lide him through its primary operations and the dense list of safety procedures.

"Field burn," she said. They floated in the suit locker empty suit crackes beneath them to cens and the while shelp larging from the well live an automore distantial solution. You are into one specified out on your taccipate and you have tachword up. Tourie put yournel indistance while a for estant stactures you gut solution and an enter the start of Alexin taking control of your sub functions, and then you miss and darts due alexing the alexing.

He fee free in a lighted dome in the station, his theorefiate open and Lucze yelling at him, laughing as the furnisid out of control and tourised of the packade wells. Then they with outside the strain. George on the end of a tafter flying by instruments, his tourplate marked, Lucz hitting tim with and Jam; sual instruction failes of potents.

While George locused most of his energes and allerino on learning to use the sautieach diay. The reported to Hoghes and plugged into Aleph. The harmook would swing gardy alter his artifact into it. Offering would save the obtain forms and learn

 He wept with anger and inustration, and he could leal the snake shrink away. The rage built, and he was screaming, writhing in the lines, smashing gauntitis against his hemel ?

Appliculation and isolay lifed terms tables and assembly language, load him through wait lees of C-MART as heplaight abathant discussion-reading programs, operated up the whick effection agreeso rpub. Design and earlier through applications as to application as it cannot have a the transition operated by the trans was concerning allow behavior 1. a slawing of perception, a lanse behavior 1. a slawing of perception, a lanse

Instead of ooks: his sometimes saw a portion of this spectrum; instead of amail, ha fails the presence of certain molecules, instead of words, heard structured celescitance of phonemas. His consciousness had been inliced by Alachia.

But this wann twise woman backgo He seemed to be cooling mote and that a more or less contraint investments of the strakes might he movied motel of pack of Charleys (Bullaness Eakler) to strake and wole of the movied moment and and wole op the noise that the backso will all has experied at lace and the pack of the back experied at lace and the pack of the back experied at lace at the pack of the back he pack and the pack of the back of the back her pack and the pack of the back of the back her pack and the pack of the back of the back her pack and the back of the back of the back her pack and the back of the back of the back her pack of the back of the back of the back of the her pack of the back of the back of the back of the her pack of the back of the back of the back of the the back of the back of the back of the back of the the back of the back of the back of the back of the the back of the back of the back of the back of the the back of the the back of the the back of the the back of the the back of the the back of the the back of the back him down "Red burn," she said "Mary what the helf were you donno?"

All the end of titsee wheeks, in bootbootout above the unit of the anticles right compares your also use over the anticles right compares the protection of the anticles mail bottom anumal harms. The Orbital Energy find the controllation should be anticle that the orbital control and any the location of the anticles with management and the orbital anticles and control and the orbital energy find the should be an anticle and the orbital and the management and the orbital and the anticles and the orbital and the should be an anticle and the orbital and the anticles and the orbital and the should be anticles and the orbital and the anticles and the orbital and the orbital and the anticles and the orbital and the anticles and the orbital and the orbital and anticles anticles and anticles and anticles and anticles and anticles anticles anticles anticles and anticles anticles anticles anticles anticles anticles anticles anticles anticles and anticles anticl

Lizze stayed just outside the arriosk, tracking him by his suit's tacko beacon but leding him run fisio. Sha aacd. "Move away from the station. George This blocking your year of Earth. He ded

While cloud sinterhad senses the blas globe patches of brown and green visible through it. Al fouriser hundred hours his time he was looking down hom aimad dnoilly slover her modin of the Amazon, where at noon the same steod in full sunfight used a small hing.

"Strives," George sold Heal and hum of the suits as combining, cosside over the entrances of some any issuation passing through, causis per of his boards inside the hierards—acunds of the moment, separatipased on the forcing low-treas, the branch came more slowly, and he self-the of the actional branch shale. Lived down the selfand of the self-brand down the selfand ordering them hang in an exercising direct the same apposite acent the next.

Sometime later a white built with a training red dates on its chest moved across his vision. "On anit" George said, and ewished his radio on "Ym here Lizze" he said.

What the hel were you doing?

Suid watching the view

That right he disarred of prix cogresol toports, largence aproperty and toports, and the write none of rankal. Serveriting control and in the door--ho avoids to be in fificed but menalise small of the space states. In a doop right that the rank could invert back to skiep, hoping to dower agen of the idyline rank-served landscape. Then he bucks to invest the states approximation of the hought is encertainly there, put sup any to real blocks on the well that it was after so the door in the morring and went naked to be door.

White grobes cast meshapen spheres of light in a line around the curve of the comdor Lizze lay motionises, half in shadow Giorge kneeled over her and called her name, her left bot made a hump as i licked more equared the metal forma.

Whits wong? he sud Her dark panted rails scraped the foor, and she said something, he couldn't tell what "Luzze," he said

His even caught on the red teactop against the white curve of breast and he left something come alive in him. He grabbed the front of her jumps at and negled it to the critch. She claved at his chesir, made a them like a seaac shock, sheke eves

The phone shalled When George ansenaradist Charley Hughes said. "Corne see us in the occessory soon we need to take

gernal marks brown baces of drive bloodthe morning after the cidn1 know which Appay He tell completely the stakes 90y

Hughes sat at one end of the darleveneared table, trave at the other Luzza half-

'Aleph told us what happaned," I mas said tion loss, anger-George got up from the couch, went to inners and of the table and loaned over twn "Did it?" he said "Whit did

Call the cet' Luze set. If you've col to call it something. Mammalian behavior

A tartillar voice-cool classifi-carter from speakers in the room's coding. "She is is no sceles. You want to beleves in some distant, taking stronge pleasures. However, as Doctor Hughes explained to you before there Fores They are you

Charley Huches, bost and Lizze were

"Maybe someone should talk to him." Inspeechess, aparette smoke in a cloud around ram "fligo, Lizze said

"Pearty or not, bery oppractices, from seed.

aght "Atleasing picture, causing Charley ID hatch, pictured with temple clarity in Alephis omaspect moniformic camerua. Tat us hope

There was no answer from Aleph-as if it

The Feer had two parts. Number one you there was no place at Altrena Station to help On the operating table at Water Road, it 105 CMN

sound, then raised her head and looked at seemed a thousand years ago, as the sur up made firm on a wave of darkness. It is ching to look its tremors inside you and guide unsayable rush that high. Yes, the trist time ing to contaction across the sky builded by

There was a sharp rap at the door. Through its speakes, Lizzie said. We ve got to talk

He opened the door and said "About around at the small bacte walkst room base metal dask and tumpled cct, and Georpe four "About this," she said. She took his

6They looked like children in white emerging from a plastic womb. watched over by the blank-faced shells above Incestuous twins, she nestled atop him, kissed him 9

uprages in her neck "Feel it, our offen-What no me den knows. We see a different sade ourselves--

No oppidants it is wasn't me it was lot if it what you want the shake the call

"I sust don't understand

"You understand all not i You went to co

But he could fail to Earth, he could fy away into the reptil inside the ESA suit's court of the fisis, then hold them until all the per-

He hadn I been able to live with the shake forms of cluttory, wolen't last ("We've pos your test are its. Dr. Jokyl 5 Ash what andchild molestation, murler?

The plus-white Earth the stars, the recht

He gave a sight put on the right-hand trip

Cell it what you ward it was awaise and George, if unaed, let's burn

Hughes were looking over the shoulder of its ceneral air of disuse. Alight ran the station, both its routines and emergencies.

"What's going on?" Lizze said

Something wrong with one of your new churns "the watch officer said." I don tknow exactly what's happening though ' He looked around at livia, who said, "Don't

"He won't prover" the duty officer said "Hea gonna triow " Issas said

On the radar screen the red dot with co-

"How are you feeling. Genroe?" the voice lighting the impulse to open his heimet au that he riseld age the stort-it second inportant to get the colors just right. "Who is

On shit more surprises 'You never sounded lifes this before

"Well which is your Nail voice?"

really there-that seemed clear to George.

Whoever I wish to be " This was interest wa George thought Pullsby, moked the strake they could call it what they wanted to George if would always be the shakely

No. but I don't want to be me and dying

sentermine vice effect of a sense

-'Because I scare mappi

This was taminar delocute one part of George noted, between the lunatic and the voice of reason Jesus, he thought / have sado and felt the race building inside him

What's your problem? he wanted to know He didn treatly expect on answer, but he coll swhorg no vew and the astrame shudtrais centered on the other plane, turning it into a ball of free Behind the picture a clear

and gentered the newgetional computers

now thinking Sure we if trave Held taken hes now the dice have come up -- you ve oct itfucking schlot and kill it in style Earth crew cioser The snake caught on it didn't like it. with a whik store s throwsways, topped with motors away Four of them hat Georgia Itmag

George feit on encour not the seniors this ince mothertucker he told the smike and with it, writteng in the lines that held him prostation has countlets occurst his helmet.

tua Passwe his ancer estimated he ley

alumnum strut casdle. Through his facebody down the middle. As it opened she ble arm and led tubes unfastened the hel

Charley Hughes watched from a catwalk above them. From this distance they looked emaking from a plastic womb watched over by the blank laced shells henoing above from incentious twos-site by rested atop hm, kissed his thioat "Taminot a vovour, Hughes said He werk worthin comidat

key? Im glad for it in it weren't for the

easily He will have to be told how we put

Don't be su sensitive. I in fired. You need



down Imgers spread Solid very solid When would start again a lobute exacted by the

Laze would be explaining some trings now That difficult central point. While you was moving the thing within you to robellion. ing up the heat, in other words while tight errerge one who could live with the snake?

Charley Hughes who did not have viinto Aleph and each other cables colden in

didn1 assented to the truth The Johts Jaiwa

Aligh thought I am an insubus, a suit cutus. / cored into they brans and suck the base scool and east anger hunger-all

Aleph would mourn them

shoke understands that you will the rafter

In a wey lifet that heppen let the stake wanted to Thed to show you who you are we were human Arlam and Eve under the

There was a small shiwler in her body into her dilated pupils cold-flecked inset so hard to undemostid shake ever DO



BREAKTHROUGHS

CONTRACTOR CONTRACTOR

scores part buttors and stack class is you play Pattering any of those functions will affect the accord on the TV-asing your on-science hero from mynad allons, mail contracts anthefas and other high resolution nastles. Though it has been presented as anthor it is remember and other high resolu-

The Capasia 5000 third risk a baparatum form para antibiatemptite competition. Essensible, and there due to the control of the equation there due to the control of the control of only and Area in remeter control on the consister B4 commands enabling users to program the 5000 to run an obtació control of control invalor light part of the control of prese models invalor light part of the control of prese models invalor light part of the control of the control of the control and the control of the control of the control and the control of the control of the control and the control of the encounter of the control of the encounter of the control of the control

Policy and the strategy in the Cubross Were all the Movies Decodely in interversion appearance most of those creatives and the interthan were gaves and creative packed legitids—and visible—cubal is direct dome by the strategy of the strategy of the strategy and intervention within tables. The source short discrete in segments by childs object in other local sounds. One of our others is only supervision and language by it is which supports a movel lunction for the its wire for source for your out

Another Moxil the Wise Argent Orb (WAO) has a more arcsis bent Program commande in its butters and WAO will slow the route of space along a total in part to state complex patients as in moves over a sheat of peper The WAO can also be connected to your home computer allowing it to resource some calabalatis programs.

The Marit Ma, from 26 to 5100 comp wasserrolea. This manufacturer a Jacaneee fam, assues you this computon will leadly you compting about gasin and mitical trust may also lean something and mitical trust more and where is been and the second source and the the assembly instructions are equally weldowing

Such quictiles eaclo, there a tagger question. Why they in home robot? Sura hey ro motessive al parties—the To mraces And thered will be ontertained as they servi your homebot camening into walls, chars and taloging dogs and cats. But within top and taloging dogs and cats. But within top and taloging dogs and cats. But within top to become borsed.

Bill, they do exclue cartain maternal (or patiantia) instructs. One Connicate presided to the Elium and and. Thee Mean and the sense to assign names and genders and to attribute human embolaris to them. Even who ut adaption papers from the calabage patch is appears that this creteraters in the Culameas West how also that has an of the set of the sense.



If park the 10 knew more shind our boundor and his amough apport whether and with

JACK NEWTON DANIEL made whiskey in 1866 by a method called charcoal leaching. We say charcoal mellowing today.

Whatever you call it, you start with hard maple from the Tennessee uplands and burn it to char. You grind this charcoal to the size of small peas and tamp it tight in room-high vats. Then you trickle whiskey down through the vast to mellow

its taste. Around 1945 we started calling this process mellowing instead of leaching. (It just had a nicer ring to it.) But that's the only part of Mr. Jack's process that needed any improving.



JOURNEY

types of social behavior—altruism and mate selection, both based on incognizing kin can be tased to individual occepting geneated by a sequence of genes.

An aptroving less space trans organization organization organization and the solution of the rescale a control of the manafel to in the rescale a control of the solution of t

There are also speculated that the WHO generating through the the there who co is verge as a trapperint. He even the evaluation of the term of the term of the model who needed a hottey immediate and then entition as unlated order throw a careval of popple. These with sensitive obspective thromas supplications would then a term manapage to your or would then to be manapage to your an another is organing.

This Thomas bypartness acquired the receiver of the sector with the following instantiate do much of this sector with these of network the sector of the sector with these of network the sector of the sector with these of network the sector of the sector with these of network the sector of the sector of the sector of the part sector of the sector of the sector of the part sector of the sector of the sector of the part sector of the sector of the sector of the part sector of the sector of the sector of the part of the sector of the sector of the part of the sector of the sector of the part of the sector of the sector of the part of the sector o

To payed backgar Qary Benkhmon data the Morel Chemical Benes Carten in the address in angle-statement product if the Morel Chemical Benes Carten in the address in angle-statement product if the Morel Dense Carten in the Address angle The MC panes are these in the work out is the more work the address and the shard access backgar and the shard access backg

But do humane operate live mice? That s

a question being when a Morel table Beautharty evidence and Morel animal betravected and exotutionary bedget Avery States and exotutionary bedget Avery States and a more and a state of the beautharty and a more and a state Most aver beautharty and a more and a state Most aver beautharty and a more and a state Most aver beautharty and a more and a state of the beautharty and a state of the state of the beautharty works to contact a state with beautharty works to contact a state with a state to Perrow with a contact a s

Linii Baachamp and others complete thar tosearch we won't know to what estent MHC weres help us choose our make. But according to a recent study another type of odoi—that of human phetomorres—is kleiely permit us for venciluction

Sciartists became aware of pheromonos in 1958, when they discovered that insects react to secondoria from their make and isin

> €If you take most any developing animal and expose if to oddas from the opposite sex, you can advance the oriset of puberty.♥

That work revealed a distinction between releaser pheromeness which provide immetitiate betwiver, and primer pheromones, responsible for inhibiting or enhancing the way organisms develop

Table table sciences tory a monitor term schedung were operating in mammele se wil According to Ghack Weeks an availa babareaux and genross will do need. "You trian most any advectors will have need to the science of public to the science of the science of public to any advector the ontool of public to advector term of the science of the ontool advector term of the science of the ontool advector term of the science of the

Wytopkin flwome phetername stary concerns and/searcen, the base stand that induces the female base to assume the archeol basic mitting alamosi known as kindows. Shi ting in his clustered of know, Mysocki pulls is bothe of Boarmels frum his dawn. This sowned was things before shill impo-american base must be in heat, and ship must be with a boar who has accentioned in this salahili bo failures.

down a line of sows and spray and/ostenone in each annuals nose. One guy stands befined, pushing down on the sows back. When she assumes the mating stance, he arthough interminates het.

For more than a decade some score face have suggessed that physicines diministre have are existent in 1671 psychologist Marwomen kings (spather in a dominary workd) begin to isoresthate kingsther Same people proposed that the mediator wave the same sort of pheromone that induced mentious anisots people and that have the same sort of pheromone that induced mentions and spather and anisots and the same sort of the mediator wave that anisot anisots people and indicated mentions and an anisot and the same sort of the mediator wave and the same sort of the mediator wave and the same some of them the obtained and the

But when such statics expect theorem advise, approximately approximately

But new studies have begun to wesh obpottoms many in two gesund-branking expanners. Baoge Pers and Winninde B Gutier have proved that pheromones entence human fertility and perhaps even mady us the reproduction.

These ar organic crement in Workel loss pertry was analyzing his volkflow ambide by the mouth, sket, undersemma and pertry there are a start of the start of the start of the there is that his position where the start of the these starts and a control ment adapted with the start and tradition where the starts and the start and tradition that the start of the the start and photometer scored was mentered an a signal attackent. Phin locability that a local photometer score the starts for both methem that is work to not ado the start of the starts and the starts and the top both methem that is work to not ado the both methem that is work to not ado the both starts and the starts and the starts for both methem that is work to not ado the starts and the starts and the starts and the starts is a start of the start and the starts and the starts is a start of the starts and the starts and the starts is a start of the starts and the starts and the starts is a start of the starts and the starts and the starts is a start of the start and the starts and the starts is a start of the start and the starts and the starts is a start of the start and the starts and the starts is a start of the starts and the starts and the starts and the starts is a start of the start and the start and the starts and the starts is a start and the starts and the starts and the starts and the starts is a start and the starts and

He was about to start he grant approach to the reside, was here the Galax a barversity of Perminivation being a good and the second start of the

In 1982 Pretrand Cutler began to gather underarm secretions for two appairments. In the first, they recruited two proups of women who had ropular menstrul cycles. In easence they collected daily uncertain socielans, from women in the test group and rubbed the extract under the nodes of women interactional public filter three and a hall months, the two groups achieved menstrul succharry.

In the second appointent the reservice as collected undersmanning that makes a collected undersmanning that the second last wave that possible the occeletors will be then too and there the occeletors will be when the service wave bag decically. By the collected appoint of whether will be an instatute cycles. These times a weak had not be an interest of the second of the nones. The other last weak had an aviant of the second processing the mathematical the an aviange cycle angula data data.

"There appears to be comething in the undeterm region that affacts the montatual cycle, piobably regulating hormones to enhance fieldity. "Preti says: "That something seems to act like a primar pharomone."

If wysocials new stability or out, more over the christel of communication to the hommone outrist density in the brain might be the vernerchast learn at the the training the evolution. Wysocial establishmin, the vorterior other density in the note-, the termination of the density in the note-, the termination of the density of the termination of the termination of the density of the termination of the termination at accepted to the termination of the termination of the other termination of the termination of the other density whether the termination of the termination of the other termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the other density of the termination of the termination of the termination of the other density of the termination of the termination of the termination of the other density of the termination of the termination of the termination of the other density of the termination of the termination of the termination of the termination of the other density of the termination of termination of termination of the termination of termi

If small propels us in dur basic animal drives, its a prime mover of higher functions as well. According to notient skubist, nerves have the offactory turb reach out, octoput table, to the furtheat nearing of the brain.

Much or if the evolution is not made generated by munophysicity, Martenii Brager, Generativita colleagu al Chann and Ta made in made. Singley motivati capacies of dye in the character epotential to make the animality and cold. The basematic a work is independent and the office work is the character and the cold on the basem. Not only had been method basematic that cold and the independent and the termination of base and the cold and the independent and the rest of the termination of the method basematic the termination and cold base the termination and the termination of the termination of the termination and the

The apprecisety bitmer make tame aibetary nearest to the perform orders. Invalued naiven plateatory information is any other than the perform orders. Inany data with contraction allowers of the any data with contraction allowers of the allowers have the public information and any any data with contraction allowers of the allowers of the taw works of the allow bond failutions to over the terministicat data allowers the taw works of the allow bond allowers any data with the allowers allowers allowers and the allowers allowers allowers allowers and the allowers and the make data data in regions and other make data data in the allowers and other make data data in the allowers and other make allowers and the orders. The allowers allowers allowers and the orders allowers allowers allowers and the orders and the sources. adds "People have led them to arousal al-

These dramate findings lend createness sonie of the most potentially useful expenments to date. In a few labs abound the country scientists have begun to work with aromas for relevation, allertness, and the createdance of pain.

Poptioning is Gay Schwart, hoad of headram hinggrafha'i Xilo, Bo / Sdarzo, bagar na sisain'i albe reading aneschel liserature on the poster of areal Lasender japert nambar 30, ha loand was said to reduce headorche, outcigetur suppressibility kept people availse. Mich ou suppressibility kept people availse Mich ou suppressibility an administra well. Buch ou somet intragad by the mytology of apples, include all the mytologica of the spate 1 ada;

An authority on the use of barrieoback to reduce stress. Schwartz devead some revesting tests With the wind of ochaquist the wind his subjects for measurements of blood pressure, muncle tension, and okin templet arum. Then his extend atomatika costabilities.

> When I small a perfume called Emeraude, for instance, I get a rush of memories of the first gift that I ever grappled with ?

such as whom they wanted to fight. After electing an answer, he explored each to a speed apple (1), plan apple and speed speed (2), but apple and speed speed based for subjects but should apple ablest barrars subjects but should apple ablest barrars subjects but should and lowering elections are writed.

These reads: Schweiz edst, Tradeovermon conso Ecoles externing the noise marks to external twist the total schweize exaning a chemical effect. At a most experibiological lyied, when we reave a pleasant fingarane, we take dispets and slower braate, relatively our inspiration y polition to the schweize external schweize politic marks, relatively our inspiration of source registrug attempts and experts.

According to Schwartz, the most potent fragtances work at a multitude of levels Meny of the scents studied in the leb, he says have polounity distinct effects, from reducing hunder to easing pain

Other researchers are also dabbling in arcma therapy Psychiatrat Potent Turboen of Jopin, Missouri has found that burning scented matches can and Jours of incom-

and Add pagebridget Search Schriftmer of Dark Userveryt had dwelpick accession acress for patients to use a elementwore high-cacket took. Choosthe lowers. For instance pany choosthe (2) on the book of the acress and use through the proof area than the group and use and bound that a pachearts (3) all availing pant. Some of both years accession 5 schriftmer angulant, mice boars and the group has all bound that a pachage to the schrift angulant angulant, mice boars and the group has all bound that a pachage to the schrift angulant angulant, mice boars and the group has an inter the schrift and boars and the one and the schrift.

But Schliftman's notion—that hardwired receptors taxel from the note to specific after me bream—presages inclusivity(cognition creek of the second schlift and schlift is correct. Once we figure out, which substances standate which receptors, says gestiant, and how these toccphone, connect with parts of the brain, we be take to despribules of dopt that are live drugs.

Such technology Geenhand adde woldbe particularly valuable because of the blood-near barne—the time/technologies of party memory valuable because of the carry blood peak the cody's nerve cells and the bran tell Ablocyth twy runner and asyger melecules can pais through twy runner blood and therapeville charge cerind. Thus called with the peaker charge cerind. Thus part new as beam reposed to target some through the reader thereby to the source and the cering.

The anticent officiony nerves which avoided before the beam are the only mesene not preceded by the alwale. This is they offer hes only related means of delivering only to the beam (by peece) preceded of order through the noise, well be able to deliver drugs to crean sites implicable of delever drugs to crean sites implicable of delever on and through.

The events to be the mage pairway baselend assets. The years have not pairway pharmacologies will be deepeng two per redecues the trait part will be bageted to specific receptors in the next. The second part will have therebecks or mational ellents on therebeck and in the train el-

It's more that seed, the last tempory more lastly to yield is expendite to service a sile indicative by yield is expendite to service these schemes recordly returned from the preservice to the scheme service and and an additional service and the indicated and the indicate service the schemes that the indicate the schemes that the schemes service the schemes that the schemes schemes the schemes that the schemes schemes that the schemes that the schemes schemes schemes the schemes that the schemes schemes schemes the schemes that the schemes schemes that the schemes that the schemes schemes that the schemes that is the schemes schemes that the schemes that is the schemes schemes the schemes the schemes that the schemes that is the schemes schemes the schemes the

Furners are more dependent on learning on contrast on personal history from lish are 9ut as is often the case, we will artific the tuture by controlling our pad. We also car aquate prodecessors, we pound you do be bound by only tended on the bound by only tendences on we may find that of lactory contraves can lead to home DM.

PERMAFROST

Laccine him of others, if you choose to would be best for you to return to the hole.

He tolows her as she explores, is aware of her caackening cales when she halts be-

These are the sleepers?

"I know Look. I'm going to follow him

'Very well I will do even more than that I

"What do you mean?"

"I request a favor-one that will actually benefit you

a two way communication lefs. Wear it I can be with you then To assess you. Perhaps even

M rots I can buy that

She moves to the locker, opens if

Rohl

SNOWSCAPE. Sheets and hits of white beneath which lash light and shade

She tokywa masked and bundled

in the lee of the noise. I'l tell you when to turn five a satelite overhead. I the clouds

He seems to be ensuing light from the

It is almost as if something had opened

"I'm sory Mr Aldon I know that you wint

Tam still a man

Sorry.

There are many things I would like to time of year Paul took some proceeding 115 CMM

equipment with him.

Yes its not accord the law in fact, it is

"Yes There are many interesting menorals

Well Produce the more and he dated want a crowd around while he was looking

Yes he made a sitile here years ago Yndella crystala

What is in this for your any way?

your case. I feel particularly protective

"In my earlier ide I was attracted to women of your-specifications. Physical as well as what I can tell of the rest.

"Ch I can teil your body lamperatura your cutao rate-

6He feels a force enter into his body His muscles twitch He is drawn up to his knees he beholds her as she rises. drawing a sonking leg from out of the crevice.

"No I mean what's a like barro-what you

Three-best pause "Godike in some ways Very human in others-almost reacaperatof everything I was earlier. Perhaps it's a timos Don't tel l'menoving é

Tracine me as you would 12 come of

She laughs She adjusts her liters. She

What was he like in his earlier days-

Probably pretty much the way he is now

In other words you don't care to say."

feel them. Cloud-shackow graynees les all

time, 'and I will not guess, in the case of

"No just fair" he replete "I multi be They continue to the top of the rise where

Dorothy draws a sharp breach and turber

"Or gooldess," Aldon rapies

"A poddess sleeping in a orde of fame?"

"Not sleep ro

"That would be a lady for you Aldon-#

I can see his tracks heading into that

She follows tracing slopes like the curves of a pale torso. The world is stillness and martial matters she exit partialn Distances heading for the place where Paula tracks

THE LIMP WATCH HUNG UPON THE THEE LIMB My latiky day. The weather inc. maybe a collegee Must get in Peturn up maybe That would be good best Throps solden are though I---When thappened Wenneld may of Wannell wheel Wan shaking the ground Cracking spikting low des ringing rating banging about Thought So was the bag of the say? Grabbad the heiped her #--Couldn't Could I? Caling was stepping. Get out. No sense both of us got Mayten No! Couldn't have Just couldn't Id known it was coming I might have. No. in a sometime disearc Genda II wasn't that I diginit. Biaze of hills Fine and eves lice loss Streight through the ice the long road lies The fire hances high above. The screaming way Not my tault ... Damo r. Everythma I Then down Winding back in there. The crystals will. I I never come back to this

THE LIMP TREE LIMB HUNG UPON THE WATCH Gotohal Think I can't see through 13 met of all the more near your bases, too. A lot of housesterming backed up here Might as well take advantage of he broas dat trobe streets perfect. How long? Long Long Hop parting Long tries since to it danage has desire should so many years outline performance? Unnauof this weether. A sort of sential spring

Example topological parts But Neth nmmer, exclusion basis basis But Neth nmmer, end Cale and compared Linkly and other Cale appointing the rest of the topological and the service of the service of the service and basis basis and compared to the service of the compared topological and the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the compared topological and the service of the service of the service of the compared topological and the service of the service of the service of the compared topological and the service of the service of the service of the compared topological

FROZEN WATCH EMIREDED IN PERMAPHORT (Insels and Harm Goring, now Perchance Peachance Perchance I usy Thropic Loads Sander Sprit Open Coming Beyond the sain in werks I have faxoum flakaming the Trisolat The mind the mover to open the way Come now latins to be messeric predefinities. A with I does Could also the sain of the technical to be messeric predefinities. A with I does Could also the sain of the technical in stores. Come serging the hermitian of stores. hom the earm places. I have looked users by carteringed contentiation if only have and only have been as a second of the second on p the gabbe. I have involvement in all of the places is nuclear to be gath the second of the where is a breaght my biscosy hardwald. New how is an excert here into all second on our care is the second here is all address the Care with the gabba looks clears the look gabe man second the gabba is also be seen as Care with the gabba look clears the look gabe more Care with the gabba look clears the look gabe more Care with the gabba look clears the look gabe more than second the gabba look clears the look gabe man second the gabba look gab look more. The time more the gabba look gab look be look and the second be look as the look of the second be look as the look of the look of the second be look as the look of the look of the second be look as the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the second be look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the look of the second be look of the look of the look of the second be look of the look of the look of the look of the second be look of the look of the look of the look of the second be look of the second be look of the look of the

All her, he moves slowly and calcular, but old millions rotum and social her is humming. Moving from dazzle to shade he persent among set forms the großeligue stability of glass. The sloop is charged from the old one he remembers. But it leals right And deep, below, to be night.



Yes That clarker piece. The canven or biooked pace, which even if wis That assams inght too that ables his counter slightly Hot seealing now within his postockies clothing, and his broads correst fielder as he increased, his pace How wan blues and for a moment, somewhere between glace and shadow he seems to also

He hats sways a moment, then shakes his head shorts and continues

Another hundred meters and he is certain Those tooky riss to the northeast show audes clarged hard between them. He has been here before

The shiftees is almost oppressive in the detailed he sees spurses of windblawl show justing off and eddying down from a high white peak. If he stops and interns carefully he can even heat the far whits

There is a hole in the meddle of the clouds, deeply overhead. It is as if he ware looking downward upon a lake in a crafter.

More than unusual. He is benched to lum back, Hig trank has worn off, and his stormach lasts unaetified. He half-wohres to clist ocwarithat this is not the place. But his knows that begings are not very important. He contraise until the plands before the common

There has been some shifting, some narroang of the way the approaches slowly He regards the passage for a full minute before be moved to enter.

He purple back his gogglisi as to comes inactine lossemed tight. He extends a glowed hand places rtupon the tading will, purples Fersi He leate the one behind itm. The same

These paces forward and the way nerrows severely terturns and active. The light grows deriver the surface beneath his formore stake He stakes beneath his foreince stake the save terturn the paces hauge a triv spot of light beneath an openice chimney. Overhead the wind in having which near the althout which in having which near the althout which in a

The passage begins to when it is his optihand fails away from the more abarpty anging wall has balance is topped in that deep ton. He datwis back to compensate but he left locit abdes back to compensate but he left locit abdes back to data data. He at henges tomes aloa and hals again.

Cursing, he begins to crawl forward. This press had not leven links before. His chuckles Before? A century ago Things do change in a span like thet. This—

The wind begans to how beyond the cove mouth as he sees the rise of the foor, tooks upward along the stope. She is there

He reviews a small noise at the back of his twoat and stops his right hand party resed. She weers the shadows like with but they do not mask her identity. He states it is over worse than he had thought. Trapped, all much heat head the course time after

He shakes his hoad

No use She must be cut loose and barred note-decored of

He pravis forward. The ky slope does not grow level until the er quite may her har plaze, never leaves her form as the advances. The shadows slide over her. He can almost heer her again.

He thinks of the shadows. She couldn't

cature of the tech be text so often touched

Tam hore . Har head turns skrwly Red-

The symptotic of the face is bomble if takes him some time to realize that it is a

The body is nothing " she regires "I had of this world. My buried loot was in contact

"I am-heppy-that you-survived "

Thert is chose Glencia Location area

There was an opportunity. You preferred

anyway I leved you Paul I would have done

I cared about you too, Glencia I would

Hoved you "Paul says "I'm sorry

It's not the sort of fang I tak about aitab-

Show mail she says "Come here

You-you don't know how you look. I m

ous "Had you done if I would have spened rated But you led You only used me You

7/m17 Am Lieally?" she saws There comes

of you Thry actually upset for ecology somewhat, here and there I have waited.

He feels a force griter into itse body His applying log from out of the prevery where a She smigs and rasses her pasty hands

"Come! I she repeats

Fi0390

She shakes her haad. Once you were so addent. I connot understand you

"If you re going to lot me then kill me, damn

Her hazures becin to flow. Her hands clarken and grow him. In moments sha

"Glencial" He most to hea fact

He takes a steel forward Another

Phennys

Her face collapses as he losses has Corpseike facoid and pele once more. #

Bitchi Let me go! I habe you!

I know that Paul Hate is the only thing

Always hared you "he contriane and

'The preser my pleasure than sho roplea as his hands drift forward to open her.

ALL OF THE ABOVE Donotry struggles closed again. A curtain of white is circling

above the screech of the wind

Yes is the pond to be a bad one?

get to shelter soon. Iteuash

it doern I matter. Get there

She hears a voice. 'Peake don't'



sty. Fither way, Mark by English Leather will apply for you

Gienders ins form the words 'What de

What do you mean? he asks

You may have your their you will take me

Call me Glencia I know you Andrew All broadcasts. Occasionally have I strugglind

"Perhaps I do Or could "

The cold tustion who has know the liter

What a battle that would be?' Glencia rewill I crart you one with me Receive my

Paul begins to solearn. Aboutly this coasos. Gianda relaases him, and he burns

1 am-not Paul, he replets he voice deeper and I would never hurt you

I don't understand Dorothy says, san

it is not necessary that you do." anyo Glencia "Leave \$16 planet queckly

however Something about it accounts to me

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Blot/ he provers chucking He is never

He has a purpose to finow And I anything.

The right may have a thousand eyes and goddess, not the torment of love unsatisfield, or satisfied, in the ligzon cardien of our fro-CO is a breach tet brack in all DO





PHENOMENA

the second secon



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INTERVIEW

year-old transsocial candidate applicant

In his early socies he developed abdomsurgery The last clinic burned him down,

He finally got through the barroackes clown

Money Not exectly Not for it when it was specky three pever stelly option to the boltween a paraphile and the partner. Oo frey the other-or a bit of both? Well I have to

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Great, is it possible for paraphiles to change their lovernaps?

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Owni: What's going on neurochemically when one tatls in love?

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The circuits for pair-bonding and failing in low and built into us phylogonetocity. The next stop will be to find out which naucchemicale gowern ii and what the simularing higger is it can be visual you do get low as test bight flat in four logged spools, the near is the trgger small not visual im paid.

Onto: What about power-onit it the ubmate aphrodisec?

Manage for groups the time princh the address powerful state to the construction was as wing to dep the other and print to boot with them they leave to its granted as protes of anyone. Taugetot that a significant mutual of particle to power are matechnike who can got an enclose rate by backmaps buygepand. Software backmark was to the backet musics and ormatokin A grad dam are instancy to make on by velocing anyone are instancy to make on by velocing and anyone of the sector anyone of the instance of the sector anyone of the sector anyone of the mutual to and to backet anyone of anyone of the instance of the instance of the sector of the instance of the sector of the instance of the sector of the instance of ins

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There is a dry place in this wet and windy world

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men to get and maintain an election unclei deer artiers from New Zealand to China.

nologist I was traveling with to give him a pill and the relatives would be watering for the been a wrain fithe didnit get a rock hard-on

The fifth kind of aphrodised purports to

on smooth muscle, most likely upon the

Qend Most aphrodelace are for males

Manager Dating you know warnen dan i hikeli

Overy If the feedback of sex hormones to

Morwy That's touch bocause no one knowle to "erotic feeling." It's a different kind of rotroppen treatment. What male to temale

terrored to be women's speciality, which is suit mend al the way Whether they are like

boastz's theory that the neurochemical Money, Where else is it comp on but in the ebiate you have none of that Obviously throw's not to be a balacy of love in the brain ments of its getting there? How does that from time to lime? Those are the big quastions we should acknoss curselves to

would you like to do?

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I would be used great to get part the workshops of submeasters in a least the othtop committees. Everyone subparts you by you want holds at theme and use loggetter built at substances the NT scale. But it would have alread to the subpart dath in would have alread to the subpart dath in which have alread to the subpart dath in the thet the pay would have alread to persons of values a progetimes day and mayour of values a progetimes day and mayour of manage a progetimes they are invited and the persons the the outparts and what to person the brain unless pushes what to person the brain unless pushes

CRIMI What do you think will happen to love and sok in 20667

Great Might we create an infant in when both the Wolflain and Mulenan ducts alwed webp? [Wolflain clucts are lead structures the great mile meter infernal reproductive analonly Multinian ducts develop into temate re trockurble oncare it.

Money And have a chief with a pens and biblios and units and have used? The problem now is they tend to interface with one another A least new of herefacies in the Mainten apparatus down with 1. Boild not do uncommonial interface make while device and Falkgent have plus the main apparatus for the mainten apparatus down with 1. Boild not do uncommonial interface make while device and Falkgent have may be made apparatus. Takes one planter have may be made apparatus called them here apparatus and the south with the break one one call and a south with the break one call and a south with the break one call and a south with the break one call and a Italian on the other. How the body was producing hormones to lat one half grow assi way and the other half the other boats me Orivin What about future technological breakthroughs?

Money is a sin undergaschups in Neo Zau, hand Lacrabade the hypothogy would only amount to something, after weir reversel a land Lacrabade the histophogy would only amount to aprix prepare with and value to real value prepare with and value to real value propagies (articles) which is weight in real value propagies (articles) which is weight in their collect versions as they come is thereing to the monotone processor of a large processor is which it were so they are the version of the residence of the intermediate of the residence of the residence intermediate and the version the processor antimicability and an entremption.

ing or not using if, say in a singles bar?

Many, On I date! Itsue them in a corr Stockstamp () and have them in a corr Stockstamp () and have the have the alticular (in exception of the boost of the Andrete Hang I stock which I have the stockstamp () and the stock

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The world's largest puzzle collection



By Scot Morns

When Jerry Slocum girt is Japainala Dania pozział for ha alghin brithday hit was hookad. The interfocking wood pierola (asonated him: and pieziala of all kinds have natiwated him avait since.

New Dysteu and an aerospace regime lar Hoghes Ascraft, he han exempt been locad to build an addition to his threety Hits home. This two tiday structure next to the garage houses the works is largest collector of mechanical publies (more than 10 door sime) and public related books from than 30001.

The pacetee are cannot by organized and coses-trateed. Threa disevers context nothing but pisste key-chein pacifies there are well over 1 000 interfacting wood process and several tradined venations on the Rubic cubic.

Here and tagin spuzzle and beind present that while a strate-doubt inserviced bury puzzle analytic final and puzzle analytic final strategies and a strategies and the strategies and the indianoper their meet weaking in a Chronic work and y angues here and analytic field them attack ISO Society Topologies and analytic field the soverhies and the iso worth body the soverhies and the iso worth body the soverhies and the social service and the works.

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Propple glass and wider prozes. Can you per the water buckets with the contex as at right?



Chapters (and balances and and here area and



Louid a 14-15 pagele and solvable absold

order But such puzzles contained a small compase a hasheaw and occesionally a map to help the prepriets except

Securi Intels his observed to microarco puzzles, which are distinguished from their years, crossword methemetical, and wordplay cousins in that they reduce active manapulation of a physical object

The scalar mechanical public is emption but complex. Shown ways. It has only a few parces but is supmaring is official to advert the surprise is what hooks you People live the challenge of matching them with against a physical object. The surplets durate a seem impossible to someone



looked into a rigid way of the world. Ten year olds are good at puzzles becaure they re not looked in by conventions."

For the last legit yailal about 11% hotes, an annual, puzzle party, annuellation any concluse of puzzle regents. Innibio Inniesetado puzzle regents, hones to wester among the last convention wester among the last convention wester among the last convention as Ergipard. Hoterd, Japon and New puzzle collectada With Inni at Box 1003. Bearth (His CA 80213)

to moved months Stocum has been



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withing the new book. Procession Care and New problemotis the schedule by the University of Walandream Procession and Caregories of Walandream Procession and Schedule and Schedule by appearer at the Low Angeles Schedule by appearer at the Low Angeles Carel and PS-64 Meassen starting in November and numming through Foblaumy November and numming through Foblaum November and November and November and November November and November and November and November November and November and November and November and November November and November and November and November and November November and November and November and November and November and November November and Nov

Why does the existence start in a lock an

multient?" Because puzzles are a gerune tem of lok art. Boours says. Sometmes here of lok art. Boours says. Sometmes here because the second source of the occasionaly do we know who inverted them Usually the treator is exception.

Biocurr ent just a collector in a an whether yon the index of juzzies and public privative. It is used the key supert meet that and his testmorp hoped with a filled by Landwis calls guarant index of the superior of the land the revence who classified by Lang ton patient on the occlassified with an and the superior of the superior patient on the occlassified with sea (1971) patient on the object when a (1971) hoped on patient on the occlassified with sea (1981) and set (1994) in the united balass in (1960).

In October 1984 a U.S. damet setge in Defense agreed with Boourn and sisted a SD page winded this tuded in Netholas thor. The vietbet is currently on appeality ORS, the owner of Maya Toys. Effectives sail is upheld the dollar angunt of the putcome is yiel to be determined.

COLLECTOR SITEMS

Perhaps the work's most renowed public profit Pablic's cube was Sam Loyds 54-15 public have was Sam Loyd publiched in the 570s. Loyd offered a prese of 31,000 to anyone who public solve the public and by slading only reprising the numbers tho the constant cabler including the test three percess which were expressly reduced 33,-51,-51.

Although many people and they had done it no one claimed the SL000 proce and several years later mathematicains proved is could not be going. From the control sumpervent of acjance, he public head a parky formwhat in ware impossible to achieve aution anargements—mostiright. This field non-white and a witching at least the interes samewhere one on the public the public ware interest to public the white ware interest to achieve a white the actient in an and the same and the set of a set of a numbers. Buildmarky, a can be satived of even whit but how althous body in organiversatir. How can fiss version be sched? Inversion satisfies them.

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ANSWERS

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LAST WORD

By Texty Punce

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