

Life in space

Amino acid found in Milky Way

MINNEAPOLIS (AP) — An amino acid has been found for the first time in large galactic clouds, proving that one of the molecules important to the formation of life can exist in deep space, researchers say.

Yanti Miao and Yi-Jehng Knan of the University of Illinois at Urbana reported Tuesday at a meeting of the American Astronomical Society that they detected glycine in clouds of gas and particles near the center of the Milky Way.

"This supports the concept that life could occur elsewhere in space," Knan said, though he emphasized that finding the amino acid in no way proves that life exists elsewhere or that glycine from space played a role in Earth's biology.

Patrick Palmer, a University of Chicago astronomer and an expert on molecules in space, said the finding "is an important step toward an understanding of interstellar chemistry."

He said that more than 100 molecules

have been found in space but that this was the first discovery of one of the basic molecules of life.

The discovery adds fuel to the debate among scientists over whether the amino acids that formed early life arose in space and were somehow deposited on a primitive Earth, or were created on Earth through atmospheric chemistry and such energy sources as lightning.

"This discovery forces a re-examination of the whole idea," Palmer said.

Miao, Knan and their colleagues used radio telescopes of the Berkeley-Illinois-Maryland Array in Northern California to scan galactic clouds 23,000 light years from Earth in the Milky Way, the galaxy that contains the solar system.

The researchers said the instruments detected the signature of glycine, the smallest of the commonly occurring amino acids, in an active star-forming region known as Sagittarius B2.

Miao said that the glycine may have been coating grains of matter in the cloud and was then boiled off as the grains were heated. The amino acid was detected in a gaseous state.

"The fact that glycine can exist in this very harsh environment of space may mean that it is more common in the universe than we thought," Knan said. "This supports the concept that some of the chemistry for life may be out there."

Palmer said the idea that asteroids or comets could have brought these amino acids to Earth is controversial. The molecules in large meteorites would be destroyed in the collision with Earth, and molecules on very small space rocks would be destroyed by ultraviolet light from the sun, he said.

But in theory, Palmer said, intermediate-size meteorites could deliver amino acids to Earth.

"It is a fascinating idea," he said, but still unproven.

THIS WEEKEND AT THE CANTINA

823-2368
201 W. 26th St., Downtown Bryan
For Party Rentals call Willie, 822-3743 after 4 p.m. Wed., - Sat.
Food and Drink Specials During Happy Hour 5 - 8 p.m. Thursdays: 18 and older

THURSDAY 6/2
Monkey Beat
(Funky Blues) \$5. Cover
Come celebrate KTSR's Roxanne Steele's Birthday! 920 Loopsack 9-11 Happy Hour Pleasers ALL NIGHT

FRIDAY 6/3
TRACY CONOVER
(Hard Soulful Blues) \$5. Cover

SATURDAY 6/4
Chris Wall
CD Release Party for "Cowboy Nation"
(Country Western) \$5. Cover

HANNA & ASSOCIATES
696-3818
Family Law • DWI • Criminal Law
Traffic Violations • Public Intoxication
Annette K. Hanna • Dana L. Zachary
Attorneys-at-Law
Not certified by Texas Board Legal Specialization

COUPON
SAVE \$32
On Routine Cleaning, X-Rays and Exam
(Regularly \$76, With Coupon \$44)
Payment must be made at time of service.
BRYAN COLLEGE STATION
Jim Arents, DDS Dan Lawson, DDS
Karen Arents, DDS Neal Kruger, DDS
1103 Villa Maria Texas Ave. at SW Pkwy.
268-1407 696-9578

CarePlus
Dental Centers
Exp. 07-15-94
KANM 99.9 FM Cable Student Radio
Summer DJ Application Meeting:
Tonight at 7:00 pm
Rudder rm. 302
For more information please call:
862-2516
774-4994

HOSPITAL VOLUNTEER OPPORTUNITIES
BRAZOS VALLEY MEDICAL CENTER
ORIENTATION AND SIGN-UP
Wednesday, June 8th
3:00 p.m. (For those who volunteered spring semester '94)
5:30 p.m. (New volunteers)
College Station Professional Building Auditorium
(glass building across the street from the hospital)
1605 Rock Prairie Road College Station, Tx. 764-5126

BIG STOREWIDE SALE
\$2 OFF ALL FULL LENGTH CD'S
\$4 OFF ALL T-SHIRTS
\$3 OFF LARGE POSTERS ALL CD'S OVER \$20
\$1 OFF ALL TAPES MAGAZINES USED CD'S DOMESTIC CD SINGLES
FRIDAY, MAY 6 THROUGH WEDNESDAY, MAY 11
marooned
CD's • Tapes • LP's
110 college main 846-0017
small print: special orders and anything under \$4 not included. no rainchecks.

AGGIE RING ORDERS
THE ASSOCIATION OF FORMER STUDENTS
CLAYTON W. WILLIAMS, JR. ALUMNI CENTER
DEADLINE: JUNE 15, 1994
Undergraduate Student Requirements:
1. You must be a degree seeking student and have a total of 95 credit hours reflected on the Texas A&M University Student Information Management System. (A passed course, which is repeated, cannot count twice as credit hours.)
2. 30 credit hours must have been completed in residence at Texas A&M University. If you did not successfully complete one semester at Texas A&M University prior to January 1, 1994, you will need to complete a minimum of 60 credit hours in residence. (This requirement will be waived if your degree is conferred and posted with less than 60 A&M hours.)
3. You must have a 2.0 cumulative GPR at Texas A&M University.
4. You must be in good standing with the University, including no registration or transcript blocks for past due fees, loans, parking tickets, returned checks, etc.
Graduate Student Requirements:
If you are a August 1994 degree candidate and have never purchased an Aggie ring from a prior degree year, you may place an order for a '94 ring after you meet the following requirements:
1. Your degree is conferred and posted on the Texas A&M University Student Information Management System; and
2. You are in good standing with the University, including no registration or transcript blocks for past due fees, loans, parking tickets, returned checks, etc.
If you have completed all of your degree requirements prior to June 10, 1994, you may request a "Letter of Completion" from the Office of Graduate Studies and present it to the Ring Office in lieu of your degree being posted.
Procedure To Order A Ring
1. If you meet the above requirements, you must visit the Ring Office no later than Wednesday, June 15, 1994, to complete the application for eligibility verification (requires several days to process).
2. If your application is approved and you wish to receive your ring by September 7, 1994, you must return and pay in full by cash, check, money order, Visa or Mastercard no later than June 17, 1994.
Men's 10KY - \$306.00 14KY - \$415.00
Women's 10KY - \$172.00 14KY - \$200.00
Add \$8.00 for Class of '93 or before. White Gold is available at an extra charge of \$10.83.
The approximate date of the ring delivery is September 7, 1994.

NEWS BRIEFS

Satellite betters storm tracking

CORAL GABLES, Fla. (AP) — New equipment is expected to help forecasters better predict the paths of major storms during the Atlantic hurricane season which begins today.

A new satellite will be working by the season's end in November to provide a national weather picture every 15 minutes.

And more Doppler radar units have been erected on the ground to measure wind speed and thunderstorm activity.

But all this won't help emergency planners gauge what people are going to do, said Bob Sheets, director of the National Hurricane Center.

Sheets said he worries about complacency among people living in coastal high-rises. Only 30 percent of those living on Florida barrier islands evacuated before Hurricane Andrew slammed into South Florida in 1992, he said.

"I don't think the people on the barrier islands really understand what would have happened if (Andrew) hit there," he said. "Instead of the loss of 15 lives, there would have been loss of life in the hundreds, and that's what's going to happen if they don't get out."

Forecasters are excited about the new storm-watching satellite that will be used for the first time this season. During storms, forecasters will be able to activate the satellite to provide details every six minutes.

The new satellite is the first of five that will be strung around the globe over the next eight years.

A little exercise goes a long way

BOSTON (AP) — Just a couple hours of workout each week are enough to significantly lower men's risk of heart attacks, a study concludes.

Many studies have shown the merits of keeping active. Still in doubt, though, is just how strenuously people need to push themselves to benefit.

The latest work, conducted in Fin-

land, concludes that for men, the risk of heart attack is decreased by two hours each week of "conditioning physical activity."

They defined this exercise as jogging, walking, skiing, bicycling, swimming and gymnastics. In the study more leisurely activities, such as gardening, fishing, hunting and picking berries, did not seem to have a measurable protective effect.

"Men who engaged in more than two hours of conditioning physical activity a week had a risk 60 percent lower than that of the least active men," the researchers wrote.

Control center mirrors 'Trek'

SPACE CENTER, Houston (AP) — The dimly lighted room, full of sleek consoles with up-to-date, full-color computer displays, reminds John Muratore of the bridge on the starship Enterprise.

Though Muratore is no James T. Kirk or Jean-Luc Picard, the control rooms he captains might be even better than those in "Star Trek." With this new \$350 million Mission Control Center, NASA will be able to command a space shuttle and a space station orbiting simultaneously — with capacity to spare.

Muratore, who is directing development of the fledgling complex, says, "This is the future. This is different from all the other flight control rooms in the Johnson Space Center."

"Star Trek" has already been through its next generation, but NASA is still monitoring its shuttles from the old Mission Control at Johnson. That's the same cramped control rooms, filled with the same bulky consoles, that were baptized in June 1965 when astronaut Ed White stepped outside a Gemini capsule for the first American spacewalk.

The new center is already being tested; training sessions for flight controllers start in December. It will be used for payload operations during a shuttle flight next May. Then the new room has its first solo flight in July 1995, monitoring all aspects of a shuttle flight except launch and landing.

HEALTH TIPS Eating out

By Ann E. Budde, Beutel Health Center

Eating out is becoming a regular facet of most people's lifestyles, both because of convenience and because they want to pamper themselves.

A problem many people have with eating out is they often associate dining out with a special occasion. This seems to justify splurging for the meal; however, since these special occasions now often number 5 to 10 times a week, people need to ask themselves if it is really a special occasion or just a part of everyday life.

If eating out is a part of everyday life, people should incorporate food choices into regular eating patterns. By doing so, going to a restaurant will not be a special occasion, but simply a way to feed the body.

Knowing what they are going to order before entering an eating establishment can aid in sticking to their goals.

Impulse buying can strike at a restaurant just as it does in a grocery store. Hopefully, people go to a restaurant when they are hungry; however, because they are hungry the result can be unhealthy impulsive choices. They should have a "plan" for eating out. There are two common problems associated with eating out. The first is: restaurant foods are often high in fat. This is often due to the cooking method (frying in oil), or added fat for flavor. The other common problem is large portion sizes. Often the portion sizes are larger than

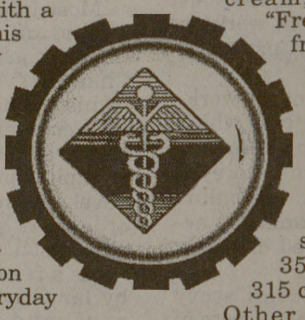
what the average person needs for one meal. This often leads to overeating.

Finding the fat located in foods at restaurants is the first step to making healthier choices. Look for menu descriptors that indicate added fat, such as "buttery," "creamy," "with sour cream," "guacamole," "French fried," "golden fried," etc. The difference between golden fried chicken tenders with ranch dressing and grilled chicken breast served with barbecue sauce can add up to 35 grams of fat and 315 calories saved.

Other ways to decrease the amount of fat in a meal include:

- asking for the dressings on the side.
-ordering sauces and gravies on the side.
-reducing or doing without mayonnaise, tartar sauce, sour cream, and other high fat condiments.
-ordering foods that are grilled, broiled, baked, boiled, rather than fried, sauteed, and/or battered foods.
-asking the cook to go light on the cheeses, or request mozzarella cheese over Swiss, cheddar, or American.

As far as portion sizes, people need to have restraint and not eat all that is on their plate. They need to get used to taking home doggie bags. When ordering, they need to ask a waiter to box up half of the meal before it gets to their table, that way they won't be tempted to finish the whole plate.



THIS IS JAZZERCISE!
DANCE AEROBICS
STEP
WEIGHTS
FUNK
•FIRST CLASS FREE
•NO MEMBERSHIP FEE
•SUPER SUMMER SPECIAL with giveaways: T-shirts, sunglasses, workout bags
•Morning, Afternoon and Evening Classes
•Child Care Available
\$19.94 1 month unlimited classes New members only
Jazzercise Fitness Center
Wellborn at Grove, College Station, (1 block south of George Bush Drive)
764-1183 or 776-6696 • 15 Years in the B/C area

THURSDAY
50¢ DRAFT BEER
50¢ BAR DRINKS
BPM - 11PM
\$1 SHOTS AND \$1.50 IMPORTS BPM - 1AM
First 100 people get in free
1st Annual Summer Fun Bikini Contest coming up on Thursday, June 9. Contestants may sign up at X-treme.
FRIDAY - SATURDAY
Famous Penny Weekend Drinkin' With Lincoln
1¢ DRAFT BEER
1¢ BAR DRINKS
BPM - 11PM
\$2 CHUGGERS, \$1.50 IMPORTS, AND \$1 SHOT SPECIALS ALL NITE LONG!!!
X-TREME
For more info call 268-4353