

Ancient toolmakers discovered fire treatment

AP, Washington

Maybe it was an accident or perhaps an ancient experiment. Many thousands of years ago, early humans somehow figured out they could make better stone tools by treating the rocks with fire. Evidence of that, dating 72,000 years ago, has been found on the southeastern tip of Africa, researchers report in Friday's edition of the journal *Science*.

The find pushes back the first evidence of such technology by at least 45,000 years, according to Curtis Marean, a paleoanthropologist at the Institute of Human Origins at Arizona State University, a co-author of the report.

"Heat treatment technology begins with a genius moment someone discovers that heating stone makes it easier to flake," Marean said in a statement. The new discovery is then passed on and improved.

The researchers found items made from a stone called silcrete, which usually was poor for tool making. But

heating it causes it to change colour and alter its grain structure, making it more usable.

To test their idea, the researchers heated some silcrete overnight. In the morning, they found they could flake it into shiny tools similar to the ones they found at the archaeological site in Pinnacle Point in South Africa, overlooking the Indian Ocean near Mossel Bay.

The silcrete tools would have been excellent as hunting weapons, knives and for exchange, the researchers said.

"Here are the beginnings of fire and engineering," said lead author Kyle Brown, a doctoral candidate at the University of Cape Town in South Africa.

John Webb and Marian Domanski of La Trobe University in Australia said in a commentary on the report that the development of heat treatment may have played a role in allowing early modern humans to spread from the milder African environment to colder, more hostile regions such as Europe.



A boat equipped with a pump extracts soil from the riverbed at Noudapara in Bogra.

BNP on Khaleda's birthday

UNB, Dhaka

Opposition Chief Whip Zainul Abdin Farroque said observation of Khaleda Zia's birthday on August 15 cannot be stopped with any legal step.

"The ruling party can't do whatever its likes taking advantage of its absolute majority in parliament," he said.

The opposition chief whip was addressing a function organised by ZISAS, a front organisation of BNP, at its office here yesterday, marking the 65th birthday of BNP Chairperson Khaleda Zia.

Farroque said Jubo Dal and Chhatra Dal, the youth and student wings of BNP, would register vigorous protest if the ruling Awami League (AL) tries to stop the observance of Khaleda Zia's birthday by serving legal notice or taking any other steps.

Earlier on Friday, a former leader of Chhatra League, the student wing of AL, was learned to have sent a legal notice to Khaleda Zia for providing correct information of her birthday within seven days, or else, legal action would be taken against her.

The litigant complained of changing her date of birth to August 15 and by doing so she has committed "mockery" with the nation.

India wants peace with neighbours

Says Manmohan

INDO-ASIAN NEWS SERVICE, New Delhi

India desires peace with all its neighbours in South Asia, Prime Minister Manmohan Singh said yesterday.

"We want peace with our neighbours. We want to create an environment that will benefit the entire South Asia," the prime minister said in his annual independence day speech from the Red Fort. He made no specific reference to Pakistan.

He said the country needed a foreign policy that should 'work for India's interests in a changing world. We have succeeded (in having such a policy) to a great extent,' he said.

Manmohan Singh said that India had good relations with the US, Japan, Russia and China. New Delhi was also improving its relations with countries of Southeast Asia, Central Asia and the Middle East.

India has cemented its traditional ties with Africa and was searching for new opportunities in South America, he said.

Making a pitch for reform of global bodies, Manmohan sought peaceful relations with India's neighbours but made no reference to Pakistan in his first Independence Day speech after the 26/11 Mumbai terror attacks.

The international economic and political order is changing. Questions are being raised on the functioning and continued effectiveness of the multilateral institutions established in the 20th century," Manmohan Singh said.

"Our foreign policy should be able to cater to India's interests in these constantly changing circumstances. I am happy that we have been successful in doing this to a large extent," he said.

The prime minister referred to the Mumbai attacks in his speech but there

was neither any reference to Pakistan nor any oblique message about cross-border terrorism.

Instead, he spoke about India's desire to live in peace and harmony and create an environment conducive for the development of South Asia. "As far our neighbours are concerned, we want to live with them in peace and harmony," he said.

"We will make every possible effort to create an environment conducive to the social and economic development of the whole of South Asia."

He also avoided talking about Pakistan while discussing the situation in Jammu and Kashmir, whose ownership is disputed by Islamabad.

Pointing to India's good relations with major global players like the US, Russia, China, Japan and Europe, Manmohan Singh spoke about India's growing relationship with regions like Africa, West Asia and Latin

America. The prime minister emphasised greater international cooperation in addressing global challenges like the economic crisis, terrorism and climate change, saying: "...what happens in one part of the world has an effect on other parts also."

Referring to climate change, Manmohan Singh underlined the growing importance of this complex issue in India's foreign policy discourse.

"Climate change has become an issue of global concern in recent years. If we don't take the necessary steps in time, our glaciers will melt and our rivers will go dry," he warned.

The DMP hopes that with the help of the new devices and instruments police personnel will be able to check street crimes and ease traffic congestion to some extent.

Automatic Vehicle Location Systems have been installed in 30 DMP patrol

DMP to go hi-tech

FROM PAGE 1
been installed in crime-prone areas and intersections, including Gulshan-1, Gulshan-2, Gulshan Shooting Club, Moghbazar, Bijoy Sarani, Aeroplane, Shahbagh, Jatrabari and Gulistan and Banani Kakoli level crossing and Mohakhali flyover.

The 30 dot matrix displays have been installed in busy intersections, which include Syedabad, Rampara, Jatrabari, Motijheel, Gabtoli, Farmgate and Gulistan.

They said with the instruments and devices, the C3S will be capable of identifying vehicles defying traffic laws, that stop on roads creating traffic "jams" and vehicles fleeing the scene of an accident or other crimes.

Belalur Rahman said the C3S is capable of monitoring the performance of on-duty police personnel within range of the CCTV cameras.

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cars, which will be controlled from the C3S room, DMP sources said, adding that the DMP authorities are also going to introduce a short telephone number for people in danger to call police for help.

The existing police control room is just a glorified telephone exchange while the new one will be a fully-fledged police control room with the ability to detect locations of police vehicles and send them to a crime scene. Digital maps would be used in the C3S.

The existing police control room can only make broadcasts to policemen while the system used in the C3S has numerous options of communicating with police personnel. It can make one-to-one calls, group calls and broadcasts.

Four base stations across the city would receive the feed from CCTV cameras and then forward the data to the

central base station set up at the control room on Abdul Gani Road in the capital.

The Brunei firm is now providing police personnel training on how to operate the intricate instruments besides commissioning the instruments into service, DMP telecom sources said.

The Tk 61 crore project for installing the instruments and setting up the modern control room was started way back in 1997 but stumbled as it faced funding issues, resulting in such a long time to complete, DMP sources said.

However, sources claimed that the new facilities are inadequate for this huge city and the entire city needs to be brought under the C3S.

Even though the DMP will take over the C3S on September 1, it is hoped that the government will formally inaugurate it sometime in September, DMP sources said.

U2 defends high tour expenses

BBC, online

U2 guitarist The Edge has defended the size and cost of their 360 world tour, as the band rocked Wembley Stadium on the first night of their UK leg.

Last month, protests delayed the removal of the custom-built set from Ireland, and it also came under fire from Talking Heads singer David Byrne.

The three steel structures cost between £15m and £20m each, offering a largely unobstructed view of the rock quartet.

The "claw" stage enabled an estimated 88,000 fans to watch U2 on Friday.

The huge green and orange structure in the centre of the stadium projected smoke and lights as the crowd looked on.

ব্যবস্থাপক (সংরক্ষণ) এর দণ্ড

চট্টগ্রাম বিদ্যুৎ কেন্দ্র, বিড়ো

রাউজান, চট্টগ্রাম

তারিখ: ০২/৮/০৯১২

"বিদ্যুৎ সঞ্চয়ী বাতি ব্যবহার করুন"

- ১০ খোলা দরপত্র বিজ্ঞপ্তি :-

১। মুদ্রণালয়/বিভাগ

বিদ্যুৎ জালানি ও বিনিয়োগ সম্পর্ক মন্ত্রণালয়/বিদ্যুৎ বিভাগ।

২। এজেন্সী/প্রতিষ্ঠান

বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড।

৩। প্রক্রিয়ার এন্টিটার নাম

নির্বাচিত প্রক্রিয়ার নাম চট্টগ্রাম বিদ্যুৎ কেন্দ্র, বিড়ো, রাউজান, চট্টগ্রাম।

৪। তহবিলের উৎস

চট্টগ্রাম বিদ্যুৎ কেন্দ্রের ১৯৮ ও ২০৮ ইউনিটের ফিল্ড প্রয়াটার পাসের কুব

৫। কাজের নাম

চট্টগ্রাম বিদ্যুৎ কেন্দ্রের সম্পর্ক সহরপুর প্রক্রিয়ার কাজে।

৬। সংস্থার প্রক্রিয়া

খেলাদারের মোট প্রক্রিয়া।

৭। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

৮। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

৯। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১০। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১১। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১২। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১৩। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১৪। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১৫। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১৬। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

১৭। প্রক্রিয়ার মোট প্রক্রিয়া

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১৮। প্রক্রিয়ার মোট প্রক্রিয়া

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১৯। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

২০। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

২১। প্রক্রিয়ার মোট প্রক্রিয়া

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২২। প্রক্রিয়ার মোট প্রক্রিয়া

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২৬। প্রক্রিয়ার মোট প্রক্রিয়া

ডেক্স প্রক্রিয়া।

২৭। প্রক্রিয়ার মোট প্রক