学术活动

科研进展

通知公告

相关链接

---科普站点------科学数据库------部委院所---

关于中央财政相关科研...

→ 落实《若干意见》典型案例

→ 国家重点实验室Seminar...

联系我们 | 网站地图 | English | 中国科学院

请输入关键字

机构设置 科研装备 科研成果 招聘招生 信息公开 国际交流 学术出版物 党建文化 ■ 新闻动态 现在位置:首页 > 新闻动态 > 综合新闻 图片新闻 美国《科学》杂志关注瓮安生物群化石保护 头条新闻 2017-04-21 | 编辑: | 【大中小】 综合新闻

> 2017年4月20日,最新一期的美国《科学》(Science)杂志刊登了一篇题为"早期动物化石面临 威胁"(Early animal fossils at risk)的深度报道,表达了国际科学界对瓮安生物群化石研究和产地保 护的关注。

> 文中提到,古生物学家多年来一直争论,在贵州瓮安6亿年前陡山沱组地层中发现的化石到底 是不是胚胎或者最古老的动物。然而,近年来瓮安大规模的磷矿开采活动,却对这一珍贵化石群的 后续研究带来了切实的威胁。为此科学家们呼吁相关政府部门加紧保护这一稀有的化石产地。

> 报道同时提及,地方政府已经开始采取行动保护瓮安生物群的核心化石产地,希望这些具有全 球意义的古生物化石能够得到永久保护。

报道相关链接: http://science.sciencemag.org/content/356/6335/230

G-member LHCb team. This measurement is of particular interest because theorically its very, very clean, he says. The result is just one of half a down faint see LHCb physicists have found that all the properties of the same of the sa



Early animal fossils at risk

Mining operation in China threatens fossils and embryos that may be the oldest known animals

Science报道

1/2

The phosphate coveted by miners also pled preserve the ancient fossils. Bothevel plains that after the organisms died, osphate replaced their tissues closel, self-ding exquisite soft-hody presertion at thisy scales. With a focus to the other so, we have been able to learn a lot buryon, we have been able to learn a lot until the developmental process for suits beginning the asys. "We are just beginning that the says." We are just beginning that are also found but which are much clust are also found but which are much the embryos." Some scientists still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and other forms represent not make the still maintain that the heres and the still maintain that the heres and the still maintain that the here and the still maintain that the stilled maintain that the still maintain that the still maintain that

spheres and other forms represent not animals but some kind of precursor, as a paper last month in the Journal of the Geological Society apped, But a 2015 study in the journal Forbarton identified an US and the Society of the Socie

SCIENTIFIC COMMUNITY

A moonshot for chemistry

Proposal to automate the synthesis of natural product molecules could be a boon for drug discovery

for our field," Burke says. The effort, which would harness an automated synthesis ma-chine he and his colleagues developed to snap together molecules from a set of pre-made building blocks, could cost \$1 billion and take 20 years, Burke estimates. But the idea captivates at least some in the field. "Assuming it's a robust technology, I would have to think it would be revolutionary."

research and early development at Roche in Based, Switzerland. "Even if it only allowed the search of the compounds, it atribes me as worthly."

Natural products have countless uses in modern society. They make up more than half of all medicines, as well as dyes, diagnostic probes, perfunes, sweeteners, lotions, and so on. "There's probably not a home on the planet that has not been impacted by natural produces," Burde says.

But discovering, isolating, and testing new But discovering, isolating, and testing products first isolated in 1976 from spongelike marine creatures called byzoonass. Bryostatins have shown potential for treating Alzheimer's dissesse and HIV, and demand has skyrocketed. Yet chemists must mash up those of the products in Symthesizing new tryostatins to equally hard, each one requiring doorens of bryostatin's sequally hard, each one requiring doorens of



21 APRIL 2017 - VOL 356 ISSUE 6335 231

Science报道

· Early animal fossial at risk.pdf





Copyright 2009 中国科学院南京地质古生物研究所

地址:南京市北京东路39号(210008) Tel:025-83282105 Fax:025-83357026 Email:ngb@nigpas.ac.cn 微信公众 号:NIGPAS(中科院南古所)

苏ICP备05063896号 苏公网安备32010202010359号