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国家地理

学生英语主题阅读训练丛书



中国学生阅读
助学文庫

Birthstones

诞生石

[美] Ellen Marcus 等著



北京大学出版社
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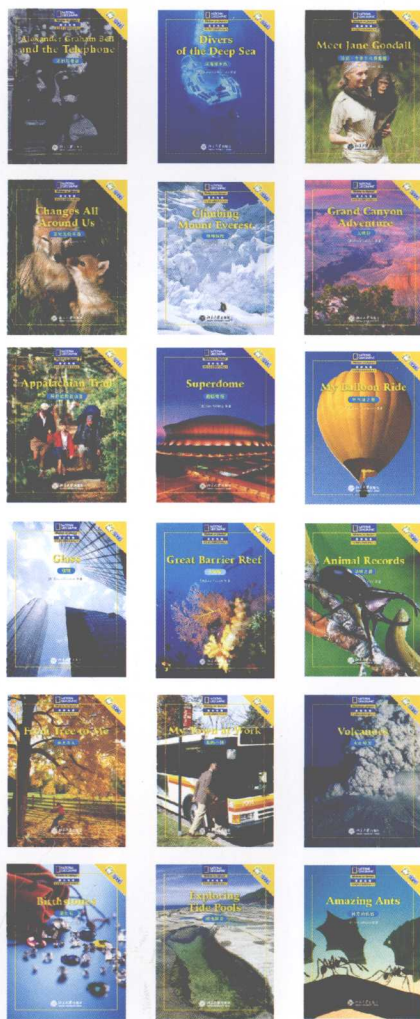
《国家地理学生英语主题阅读训练丛书》是我们继《国家地理英语阅读与写作训练丛书》(共14种)之后推出的又一套美国英语阅读教材系列,旨在进一步为我国的中学生及同等英语水平学习者提供既有美国原版教材精髓,又充分体现我国新课标英语教学理念的新型英语学习读本。全套丛书共有2 000余幅活泼自然、优美迷人的精彩图片,佐以简洁生动、深浅有度的文字,引导学生借图读文、借文识图;图文相辅的阅读材料不仅使学生的英语学习变得更轻松有趣,同时,图文并重,也十分契合我国高考中的看图作文命题的新趋势。

《国家地理学生英语主题阅读训练丛书》共18册,涵盖9个主题,72个话题,涉及数学、科学与社会研究三个学科领域。根据我国中学生英语学习和高考写作的要求,我们在为学生提供全英文阅读素材的基础上,继续沿袭《国家地理英语阅读与写作训练丛书》所采用的词汇分级注释原则,将注释的词汇分为“记忆词汇”、“阅读进阶词汇”和“阅读参考词汇”三类。考虑到音标对单词记忆的重要作用,培养学生的朗读与口语能力,我们对所有注释词汇都加注最新版国际音标。此外,我们在每本书中增加了相应的“Reading Objectives”(阅读目标)及“Review Activities”(活动空间),以配合教师的课堂教学,并帮助学生进行英语阅读理解的自我检测。

《国家地理学生英语主题阅读训练丛书》提供的英语原味图文阅读,十分有利于中学生扩大知识面,拓展文化视野,而且,也能有效帮助学生实实在在地提高英语能力,达到“知”与“学”的统一。我们衷心希望,本套丛书的出版不仅能使我国的中学生在轻松的阅读中掌握丰富的知识和有效的英语学习方法,同时,也能为提高学生的人文情结、科学视野、社会关怀以及全球性思维等综合素质略尽绵薄之力。

编者

Alexander Graham Bell
and the Telephone
Divers of the Deep Sea
Meet Jane Goodall
Changes All Around Us
Climbing Mount Everest
Grand Canyon Adventure
Appalachian Trail
Superdome
My Balloon Ride
Glass
Great Barrier Reef
Animal Records
From Tree to Me
My Town at Work
Volcanoes
Birthstones
Exploring Tide Pools
Amazing Ants



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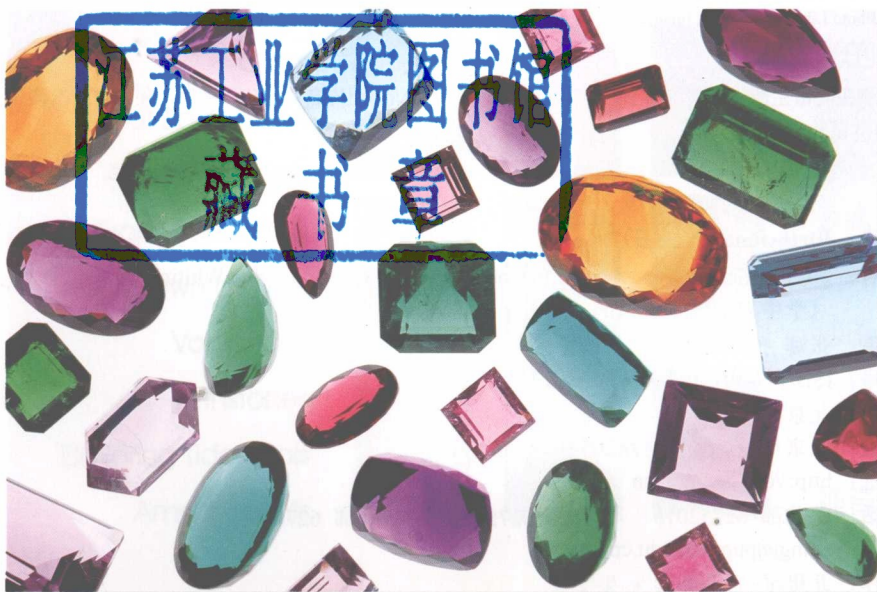
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[美] Ellen Marcus Meredith Costain 著
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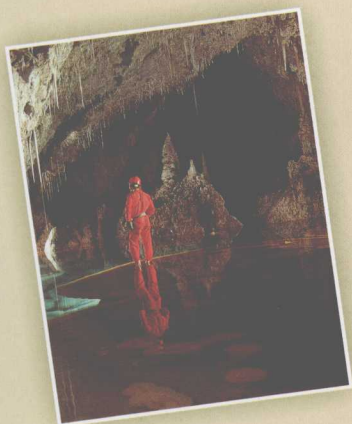
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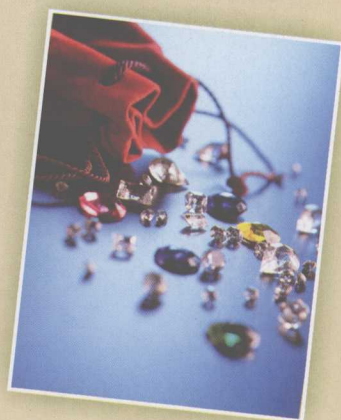


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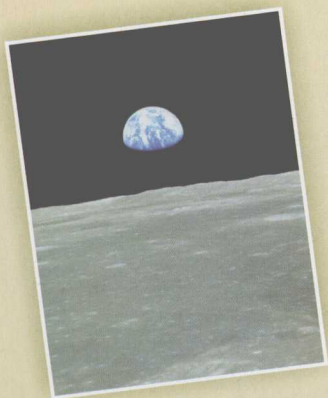
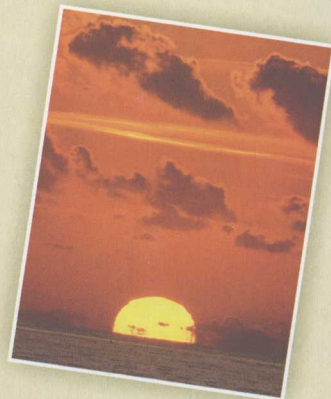
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COOL CAVES

In this section, you'll learn types of caves and their formation.

记忆词汇



area /'eriə/ *n.* 地区, 地方
cave /keiv/ *n.* 洞, 穴
ceiling /'si:lɪŋ/ *n.* 顶, 顶篷
connect /kə'nekt/ *v.* 连接
continue /kən'tɪnju:/ *v.* 继续
create /kri'eɪt/ *v.* 创造, 产生
depend /dɪ'pend/ *v.* 取决于
divide /dɪ'vaɪd/ *v.* 分, 划分

explore /ɪk'splɔ:/
v. 考察, 探险
flood /flʌd/ *v.* 发水, 泛滥
flow /fləʊ/ *v.* 流, 流动
form /fɔ:rm/ *v.* 形成
hunt /hʌnt/ *v.* 追猎, 猎取
injured /'ɪndʒəd/
adj. 受伤的
mile /maɪl/ *n.* 英里

mix /mɪks/ *v.* 混合
narrow /'nærou/
adj. 窄的, 狭小的
sense /sens/ *n.* 感觉
stream /stri:m/
n. 小河; *v.* 流出
shelter /'ʃeltə/ *n.* 蔽身之处
surface /'sɜ:fɪs/ *n.* 表面
tiny /'taɪni/ *adj.* 极小的

Caves

By Meredith Costain

Reading Objectives 阅读目标

Word Attack and Vocabulary Skills 词汇攻略

- Decoding compound words
解析复合词
- Using action words
掌握表示动作或行为的词的用法
- Using context clues that give definitions
利用上下文线索定义词汇

Content and Thinking Skills 阅读与思考训练

- Identifying cave features
辨析洞穴特征
- Comparing and contrasting types of caves and cave formation
对比洞穴类型及其形态
- Identifying different cave zones and living things that inhabit each zone
区分不同的洞穴区域，并了解各个区域的生物

Imagine **crawling** on your hands and **knees** in the dark. The ground is hard. You are covered in **mud**. You are cold and wet. It doesn't sound like much fun, but it is. What you are doing is dangerous and exciting. You are **exploring** a **cave**.

阅读进阶词汇

crawl /krɔ:l/ *v.* 爬, 爬行

knee /ni:/ *n.* 膝, 膝盖

mud /mʌd/ *n.* 泥, 泥浆

▼ A man crawls through a small opening in a cave.



Inside a Cave

A cave is a **hollow** space under the ground. Caves are also called caverns. Caves can be found all over the world. You can find them on the side of a mountain, inside huge pieces of ice, or even underwater.

Some caves are made up of many **chambers**, or large open spaces.

Narrow tunnels connect the chambers. Caves that have many chambers are called cave **systems**.

阅读进阶词汇

chamber /'tʃeɪmbə/
n. 室, 穴, 腔
hollow /'hɑ:lou/
adj. 空的, 中空的
system /'sɪstəm/
n. 体系, 系统
tunnel /'tʌnl/
n. 隧道, 坑道

阅读参考词汇

Tennessee /,tenə'si:/
n. 田纳西(美国州名)

This cave in **Tennessee** ►
is over 33 **miles** long.



How Caves Are Formed

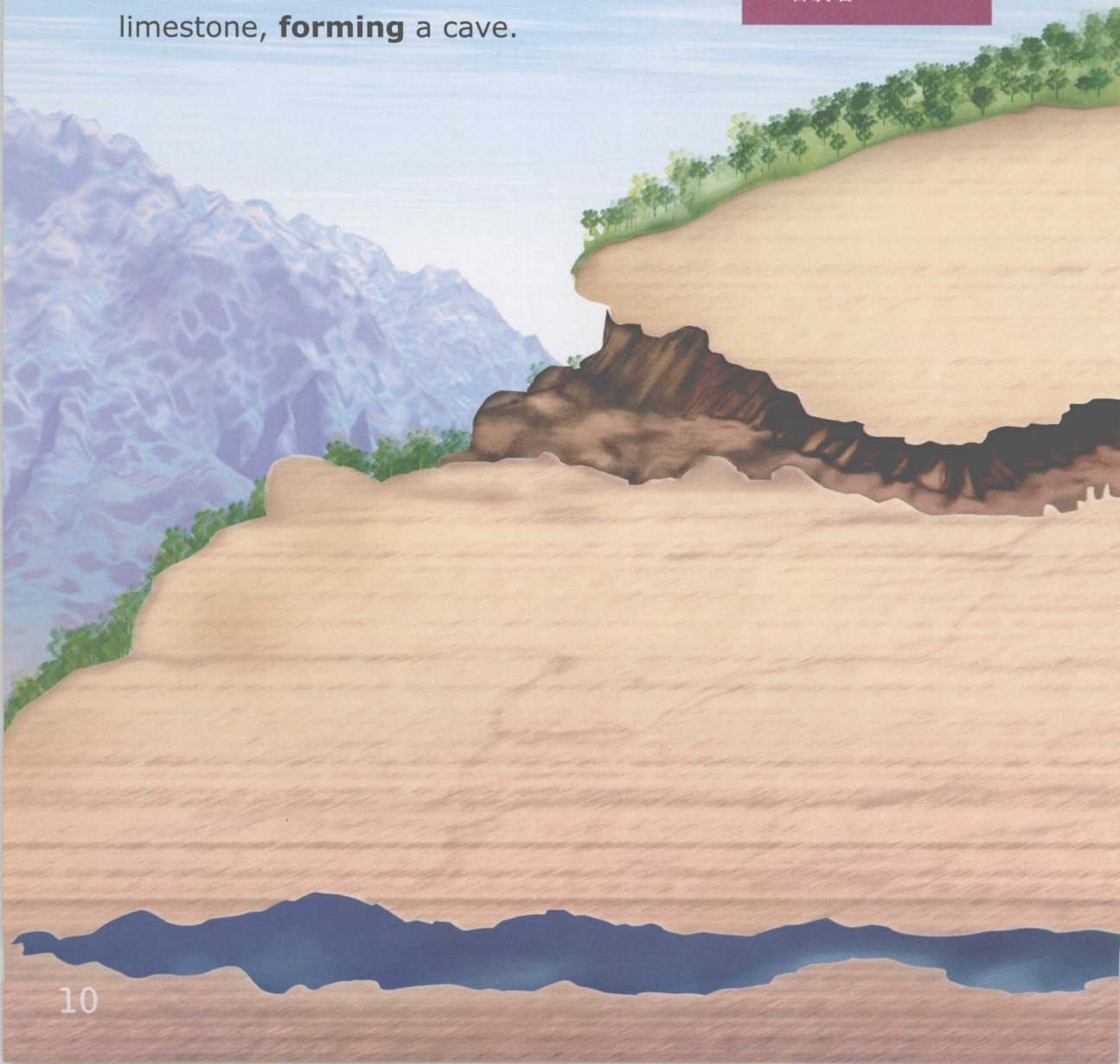
Caves are mostly found in places where a soft rock, called **limestone**, is found. Rainwater **trickles** down through **tiny cracks** in the rock. Over thousands of years, the rainwater wears away the limestone, **forming** a cave.

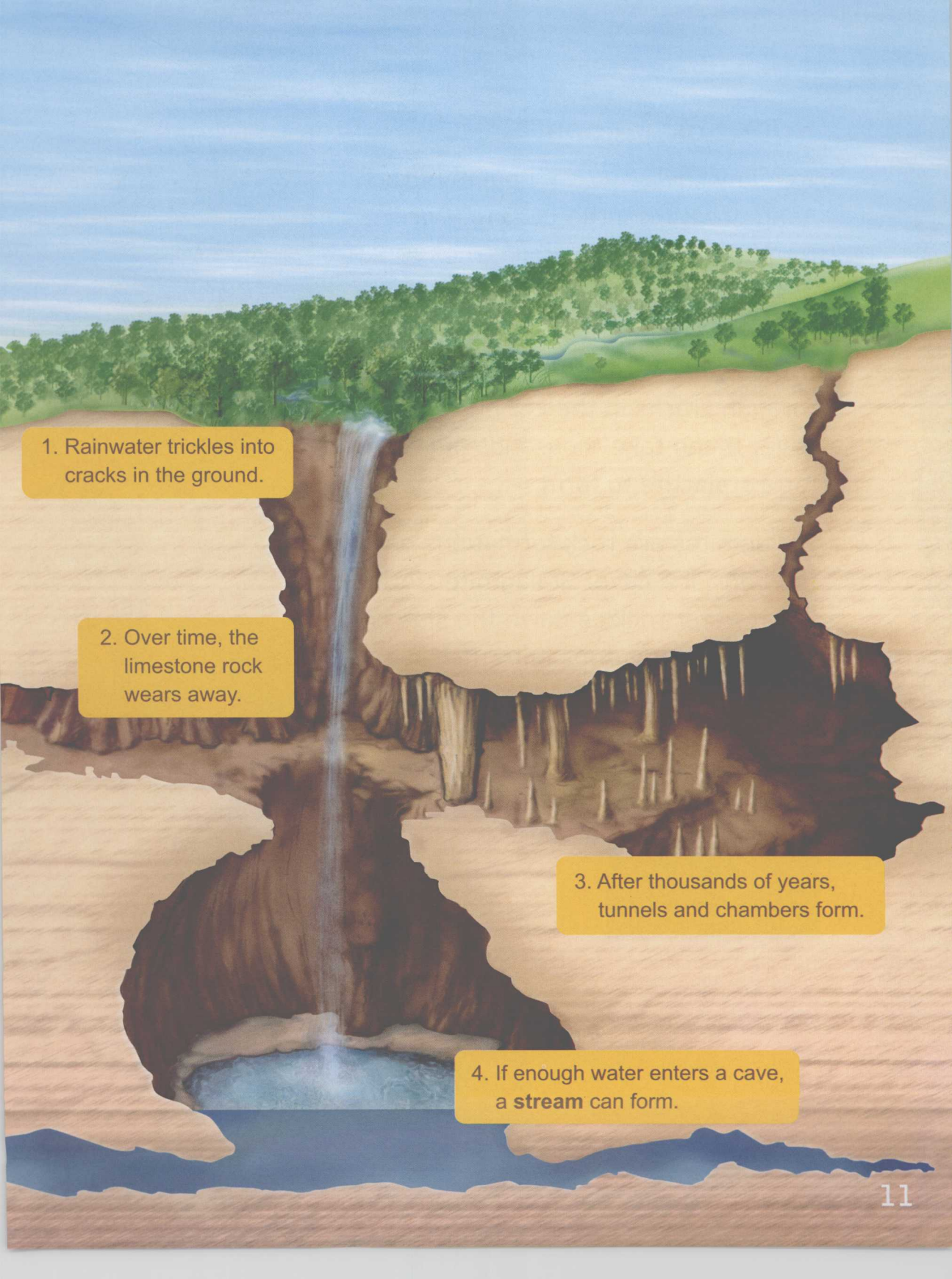
阅读进阶词汇

crack /kræk/ *n.* 裂缝
trickle /'trɪkl/ *v.* 滴下

阅读参考词汇

limestone /'laɪmstəʊn/
n. 石灰岩





1. Rainwater trickles into cracks in the ground.

2. Over time, the limestone rock wears away.

3. After thousands of years, tunnels and chambers form.

4. If enough water enters a cave, a **stream** can form.

Rock Formations

In many caves, **pointy** fingers of rock hang down from the **ceiling**. Rock formations that hang from the ceiling of a cave are called stalactites. These rock **icicles** form when limestone **mixes** with water and trickles through cracks in the ceiling of a cave. It can take thousands of years for a stalactite to form.

Stalagmites are rock formations on the floor of a cave. Stalagmites form when water trickles down the side of a stalactite and **drips** onto the cave floor. If a stalactite and a stalagmite meet in the middle as they grow, they form a column.

阅读进阶词汇

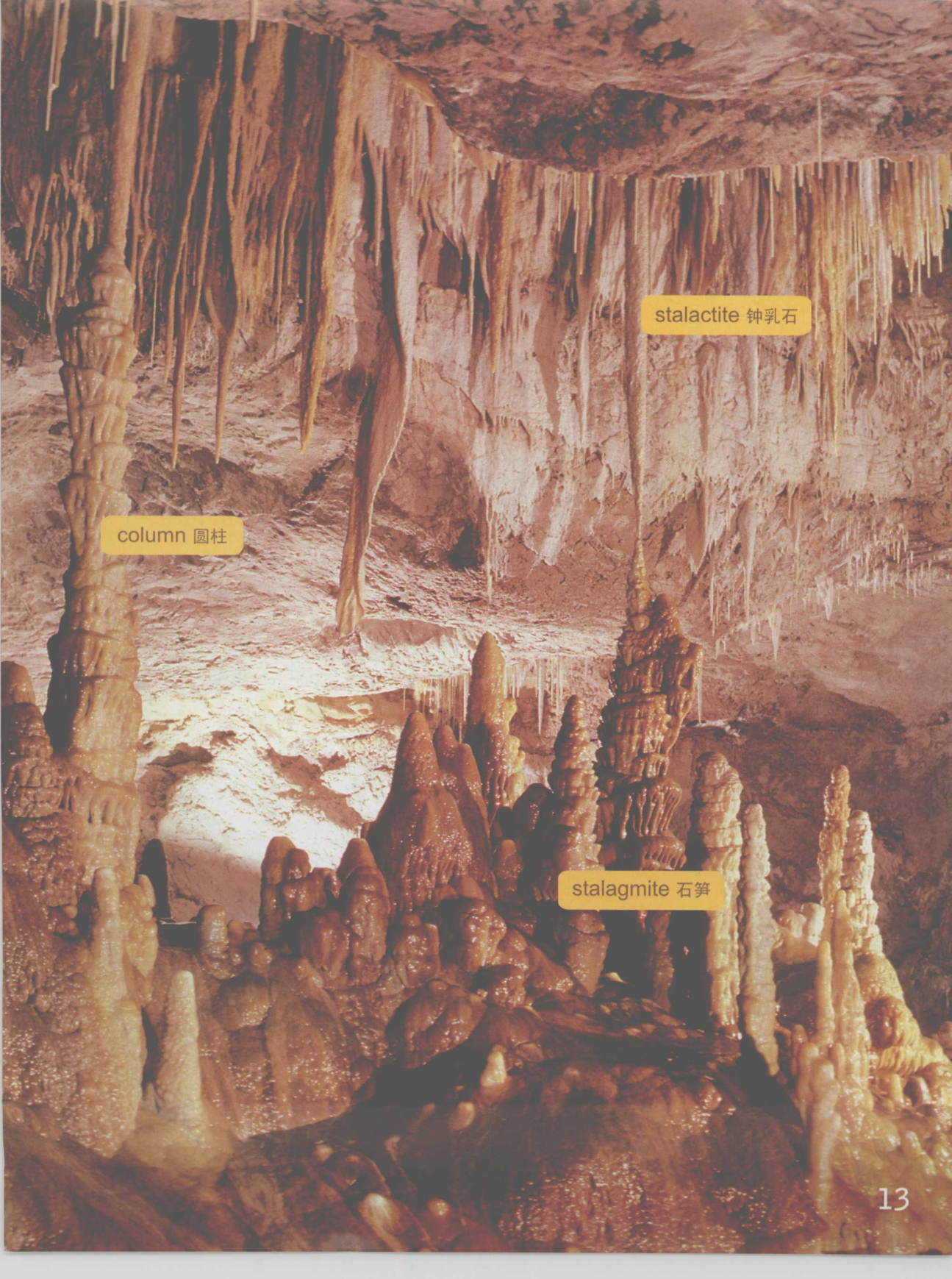
drip /drɪp/ v. 滴, 滴下
pointy /'pɔɪnti/
adj. 尖的, 带尖的

阅读参考词汇

icicle /'aɪsɪkl/ n. 冰柱

Rock formations come in ►
many shapes and sizes.





stalactite 钟乳石

column 圆柱

stalagmite 石笋

Life in a Cave

Caves can be home to many types of animals. Plants live in caves, too. The types of plants and animals you can find in a cave **depend** on where in a cave you are. The plants and animals that live near a cave entrance are very different from those that live deep within a cave.

Scientists **divide** the **area** within a cave into three zones, or parts. The entrance to a cave is known as the light zone. As you travel farther into a cave, it becomes much darker. This area is known as the twilight zone. Deep inside a cave is the dark zone. No light reaches the dark zone.

