



I'd like to begin by thanking Dr. Kane for inviting me to be here today.

首先, 我要感谢 Dr. Kane 邀请我今天来到这里。

Although I'm not a geologist, I have been collecting minerals for years.

尽管我不是地质学家, 但我已经收集矿物质很多年。

My collection is really diverse because I've traveled all over the world to find them.

我的收藏非常的多种多样, 因为我跑遍了全世界去寻找它们。

Today I've brought a few specimens for you to see.

今天我带来了一些样本来给你们看看。

After I discuss each one, I'll pass it around so that you can look at it more closely.

我每讨论完一种之后, 我将会把它传下去以便你们能更近距离的观察它。

As you know, feldspars are the most abundant minerals and are divided into a number of types.

如你所知, 长石是最丰富的矿物, 并且被分为许多种类。

These first samples are orthoclases.

首先这些样本是正长石。

Notice that they vary in color from white to pink to red.

注意它们在颜色的变化上是从白色到粉色到红色

This glassy one is found in volcanic rock.

这个透明的是在火山岩中被发现的。

In fact, I found it in New Mexico on a collecting trip.

事实上, 我是在 New Mexico 的一个收集之旅中发现的。

This next sample that I'll pass around is a microcline mineral, also called amazon stone.

下一个我将传下去的样本是一种微斜长石矿, 也被称作天河石。

You can identify it by its bright green color.

你可以通过它明亮的绿色来识别出它。

It's often used in jewelry and really is quite attractive.

它通常应用在珠宝上, 并且真的很吸引人。

These final samples are all plagioclase feldspars.

这些最后的样本都是斜长石。

Many plagioclases are very rare, so I'm particularly proud of the variety in my collection.

许多斜长石都是非常稀少, 所以我特别骄傲于我的收藏的多样性。



I've also brought a few slides of some larger mineral samples, and if you'll turn out the light now, I'd like to show them to you.

我还带来了某些大的矿物样本的几个幻灯片，而且你们如果关上灯，我想把他们展示给你们。



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