















# Insects in Shinjuku Gyoen National Garden : Cicada



	Black cicada	Large brown cicada	Robust cicada	Platyleura kaempferi	Meimuna opalifera	Evening cicada
						
Cicada shell						
Size	40~48mm	36~38mm	33~36mm	20~24mm	29~31mm	21~25mm
Characteristics	Recently, they came to the garden and very loud in the morning.	They have brown wings which is very rare in the world.	They are the representative cicada of Japan. When we hear their voice, which remind us summer is here.	Their shells are covered with mud. Because they have a protective color pattern on the body and wings, it's difficult to find in the nature.	They start singing in the middle of August, so they are called the cicada which announcing summer vacation is coming to an end.	They sense brightness and temperature for checking time to sing. At flatland, they sing in the morning and evening.

