

## **Cross-section of Lake Towada**

The word “caldera” comes from the Spanish word for “cauldron” or “cooking pot,” because the crater is formed by a sharp drop from the rim to a broad flat central floor. Lake Towada is a rare water-filled caldera, and rarer still because it is a double caldera, created by the main shallow basin (the perimeter caldera) and a deep basin (the central caldera). The summit of Mikado-ishi visible in the lake is a parasite volcano created approximately 4,000 years ago.

## **Lake Bottom Topography**

The main lake basin is approximately 100 meters deep in most spots. The deepest point is in the central *nakanoumi* caldera, which is 327 meters deep. The deep valley within the lake was caused by powerful underwater currents aggressively eroding the lake bottom.