

## Scale Up Your Knowledge! "Ganoid Scales"

These scales are found on fish such as the gar.  
Ganoid scales are hard and diamond in shape,  
overlapping each other.

There are three layers to ganoid scales: bone (the  
inner layer), dentin (middle layer), and ganoine  
(outer layer). Ganoine is similar to enamel.

Sturgeon also possess a special type of ganoid  
scales called "scutes." Just like the gar, sturgeon  
scales are hard and protect the fish like armor!

