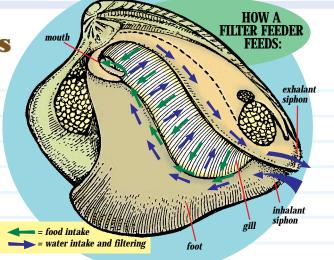


Clams and Mussels

Snails, clams, and mussels are members of the second-largest group of animals, the mollusks. Mollusks vary in appearance from tiny snails to giant squids 20 feet or longer. Worldwide there are about 100,000 mollusk species. In Pennsylvania, we have members from two smaller groups of the mollusks, the gastropods (snails) and bivalves.

Clams and mussels come from the subgroup known as bivalves. This word means "two shells." Clams and mussels are found on the bottom, or just below the bottom, in slowmoving rivers and streams in relatively shallow areas.

Bivalves are filter-feeders. They draw water into their soft body through a siphon. Inside the body, plankton is filtered out for food. The gills absorb oxygen. Water and wastes are then expelled through another siphon. Clams and mussels also create their shells from calcium carbonate. Lines, or rings on the outside of the shell are growth rings similar to th



rings, on the outside of the shell are growth rings, similar to the annual rings in trees.

