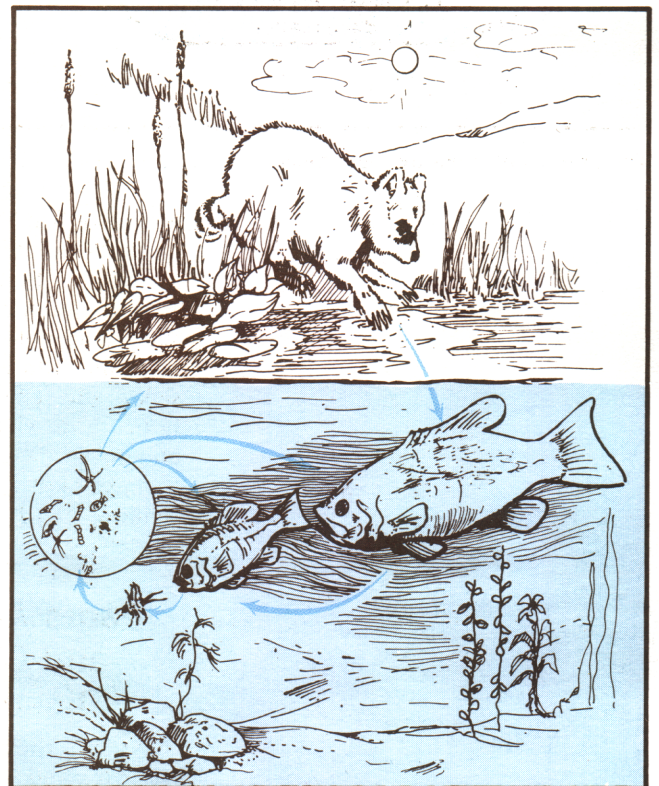
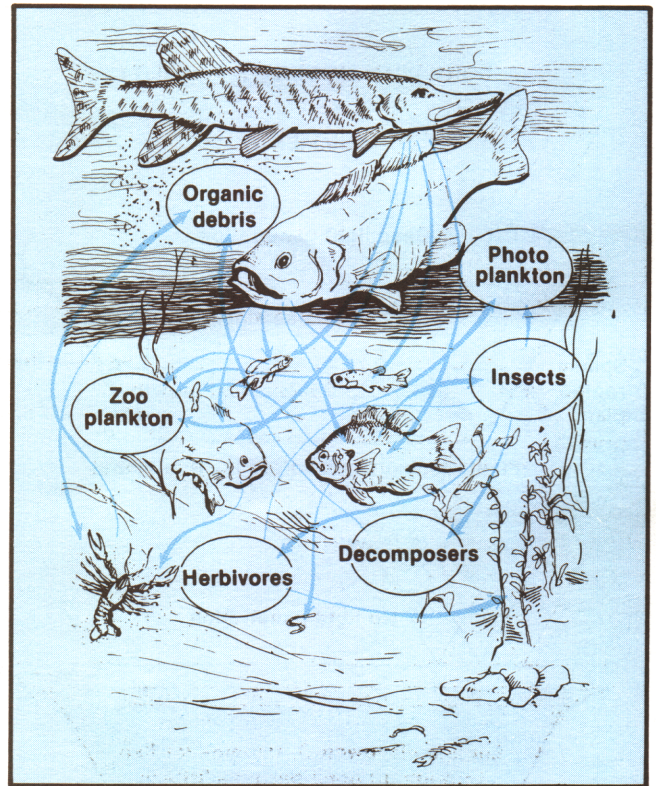


R. J. & S. A. White

Inner workings of the pond in rough outline. This sketch of movement of energy and matter looks complicated, but the actual situation is far more complex. Most mineral and organic matter entering the pond becomes trapped in it and is to some extent recycled. Most energy that enters from the sun leaves again rather soon. Water also flows through.



Food web (top) and food chain (bottom) contrasted. The arrows point in the direction of predatory or "grazing" pressure. A chain-like system may produce more of certain fishes that we desire, but a break in one link may severely disrupt production. The web-like system has many more parts and is therefore more stable and more productive in total—but not necessarily of the fishes which anglers most appreciate.