

Figure 2-4. Energy Flow at the Integral House—Biophysical

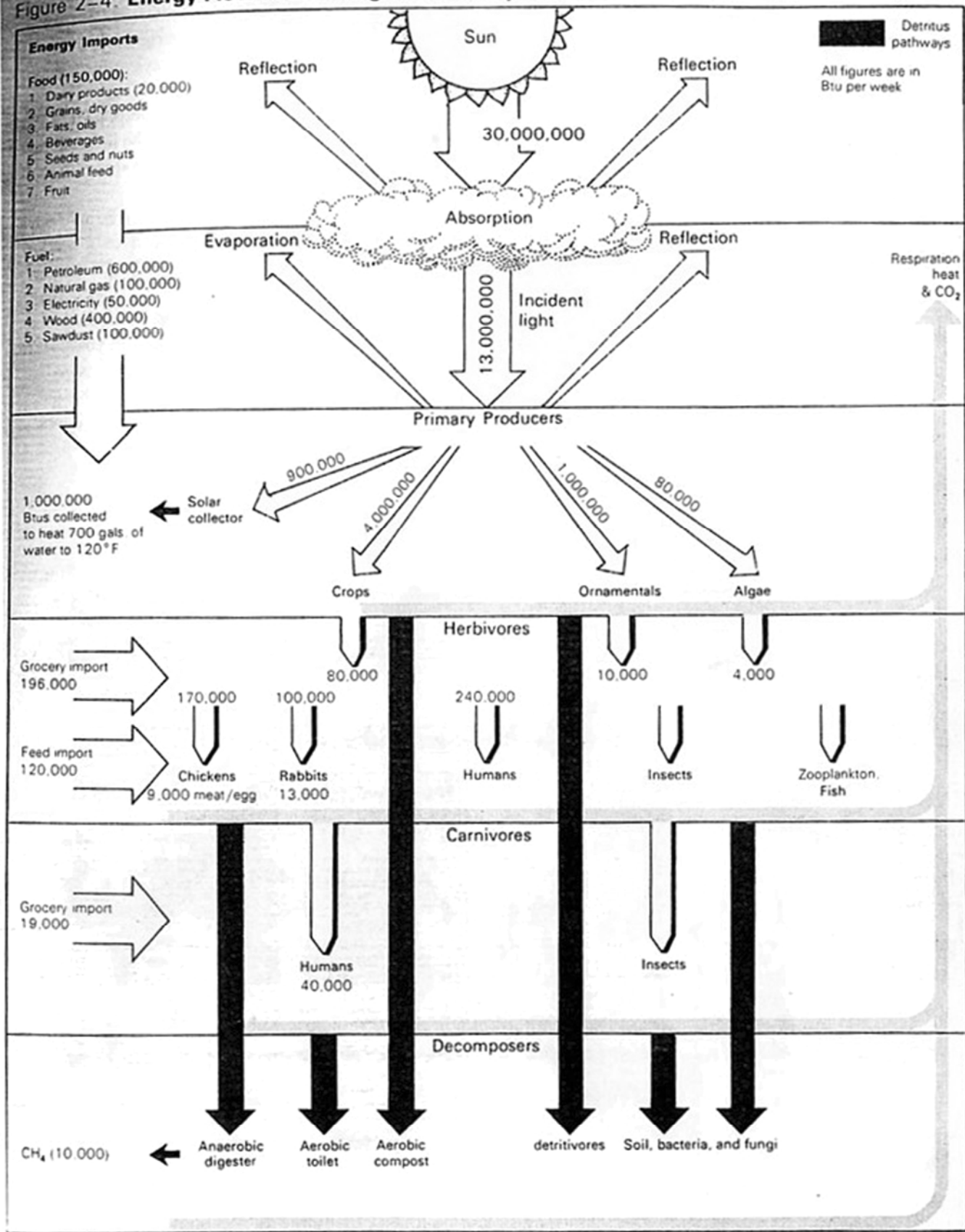
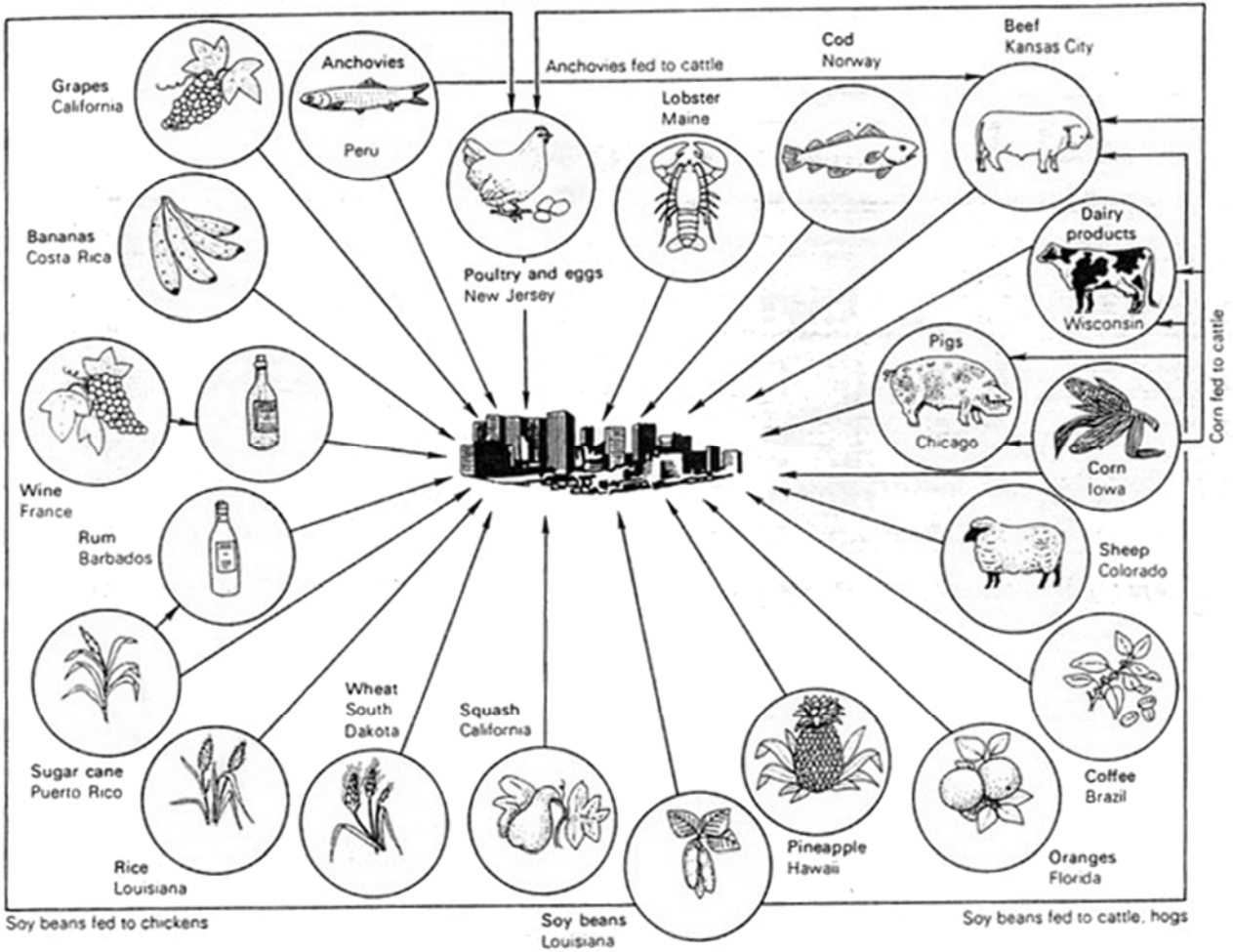


Figure 1-3. **The Urban Funnel: Food Passed through Cities to Dumps**



Energy flow diagram

Note how energy is imported at every human level. The Integral House was built in Berkeley, CA as a way of showing how more of the natural ecological processes could be applied in a house. House produced food onsite and many waste processes were tied into food production systems.

What would a food web for humans look like?

Consider a human eating a hamburger -- just the bun and burger. Two producers -- wheat and corn. Wheat will pass through harvesting, milling, transporting to bakery, and then to location where hamburger made. Each step uses energy from outside the web or in other words, stored solar energy that was not used by the producer. For corn, process is similar, then to cow, then to other energy intensive steps. Hamburger then heated before eating. If looking at the energy flow for this, there is much more energy than just what is in the food.