















































Effects of 10% transfer

- Less energy available for higher trophic levels.
- Less energy means LOWER CARRYING CAPACITY→ SMALLER POPULATION SIZES as you move up the trophic levels.
- Biomass- # of organisms in each trophic level







Bioaccumulation • <u>Bioaccumulation/biomagnification</u> – toxins that DO NOT BREAK DOWN – ex. Lead/mercury • levels of toxins BUILD UP/INCREASE as you move up the trophic levels...why?





	A pesticide is applied to the area. Each species is monitored for pesticide. Which species would have
	the greatest amount?
	A. A
	B. B
	С. Св
ſ	