

B. Humans change genes by

- a. artificial selection =
- b. genetic engineering =

C. Extinction =

- a. **Background Extinction** = normal; usually affects only at a time and takes longer
- b. A _____ between _____ and _____ determines biodiversity
- c. **Mass Extinction** = many species become extinct (when > 50 % go extinct)

* Earth has had _____

- d. Anthropogenic activities lead to _____ of species (100-1000 times faster)
- e. Endangered species =
- f. Scientists estimate that _____ of species could be extinct by 2050

IV. Primary Causes of Species Extinction

Can you guess the top two?

- A. _____ (73%)
- B. _____ (68%)
- C. _____ of habitat by Large Populations (38%)
- D. _____ for economic value (15%)
- E. Hybridization = (38% mostly in plants)