

Economic Value of Diversity

an analysis by Cornell University (1997) estimated that throughout the world, the services provided by the myriad species of all forms of life were valued at almost **\$3 Trillion dollars annually**.

for **US** alone the value was set at over **\$300 Billion**

Natures services:

| <u>Activity</u> | <u>United States</u> | <u>World</u> |
|--------------------------------|----------------------|------------------|
| Waste disposal | \$62 billion | \$760 billion |
| Soil formation | \$5 billion | \$25 billion |
| Nitrogen fixation | \$8 billion | \$90 billion |
| Bioremediation of chemicals | \$22.5 billion | \$121 billion |
| Crop breeding (genetics) | \$20 billion | \$115 billion |
| Livestock breeding (genetics) | \$20 billion | \$40 billion |
| Biotechnology | \$2.5 billion | \$6 billion |
| Biocontrol of pests (crops) | \$12 billion | \$100 billion |
| Biocontrol of pests (forests) | \$5 billion | \$60 billion |
| Host plant resistance (crops) | \$8 billion | \$80 billion |
| Host plant resistance (forest) | \$800 million | \$6 billion |
| Perennial grains (potential) | \$17 billion | \$170 billion |
| Pollination | \$40 billion | \$200 billion |
| Fishing | \$29 billion | \$60 billion |
| Hunting | \$12 billion | \$25 billion |
| Seafood | \$2.5 billion | \$82 billion |
| Other wild foods | \$500 million | \$180 billion |
| Wood products | \$8 billion | \$84 billion |
| Ecotourism | \$18 billion | \$500 billion |
| Pharmaceuticals from plants | \$20 billion | \$84 billion |
| CO2 sequestration | \$6 billion | \$135 billion |
| Total | \$319 billion | \$2.928 trillion |