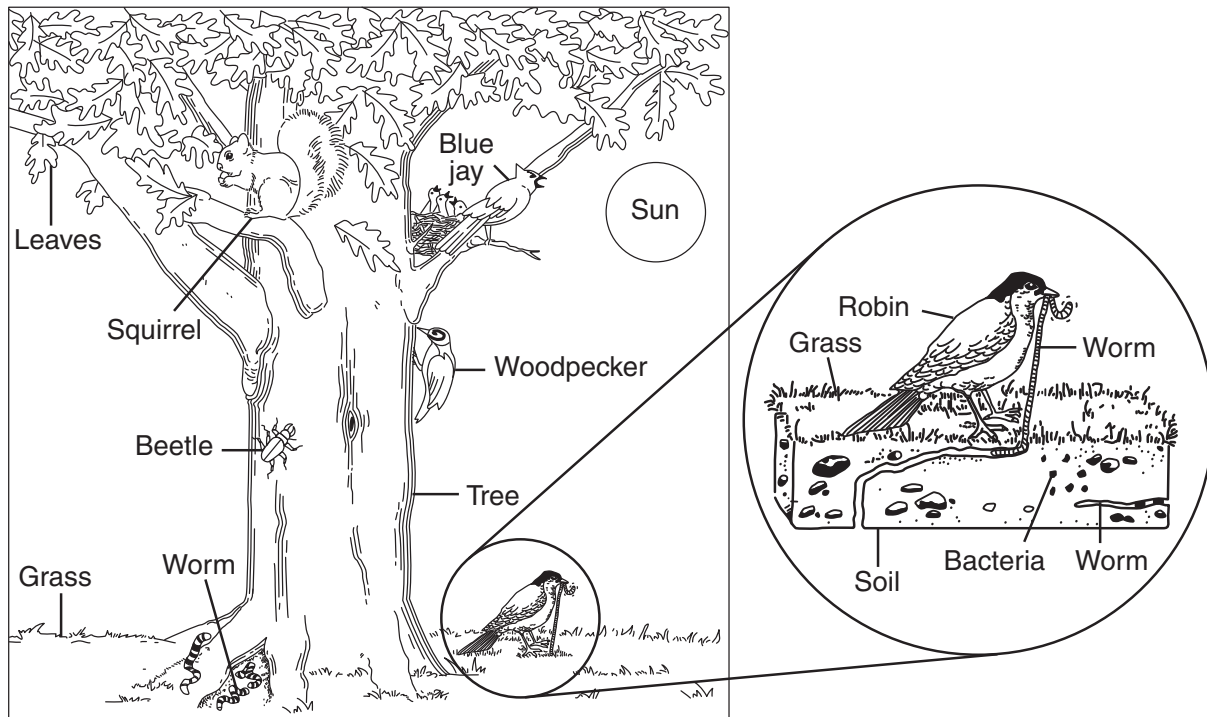


Base your answers to questions 68 through 70 on the diagram below and on your knowledge of science. The diagram shows a portion of an ecosystem.



(Not drawn to scale)

Adapted from: *Project Learning Tree: Environmental Education Activity Guide pre K-8*, American Forest Foundation, Fifth Edition, 1997

68 Identify the original source of energy for this ecosystem. [1]

69 Explain why bacteria in the soil are necessary in this ecosystem. [1]

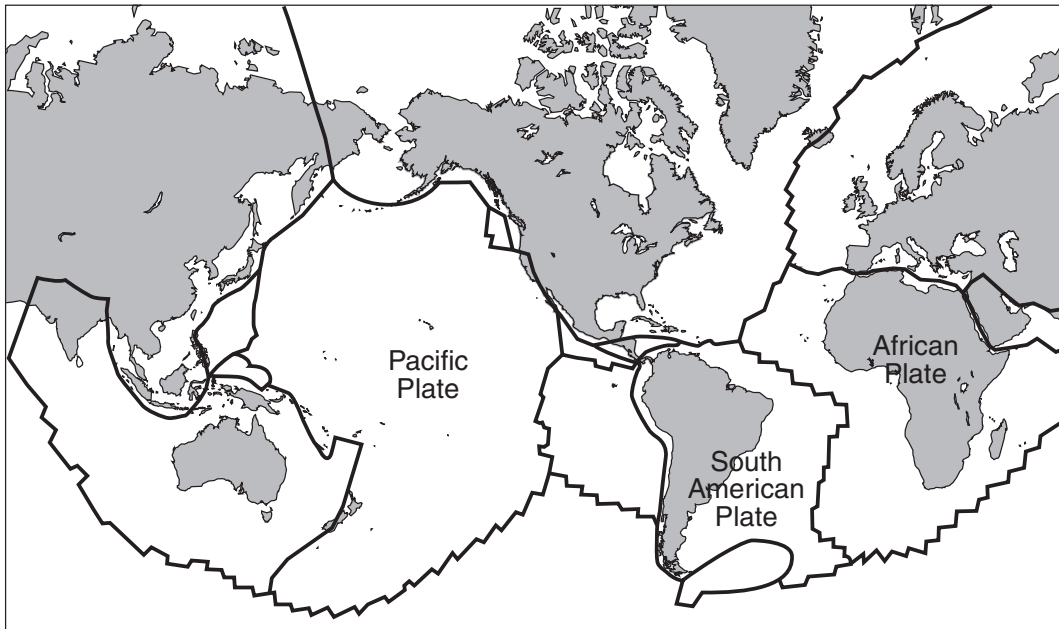
70 Identify *one* predator-prey relationship shown in this diagram. [1]

Predator: _____

Prey: _____

Base your answers to questions 71 and 72 on the map below and on your knowledge of science. The map shows the seven continents and several lithospheric plates. The dark lines between the plates represent the boundaries that separate them. Three of the plates are labeled.

Lithospheric Plates



71 Describe *one* piece of evidence shown on the map suggesting that the continents of South America and Africa were once joined together. [1]

72 Identify *one* geologic event or feature that frequently occurs when lithospheric plates collide (converge) or move apart from each other (diverge). [1]
