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A. 翻譯以下英文為中文 (50%)

1. Ecology is usually considered as a branch of biology, the general science that studies living organisms. Organisms can be studied at many different levels, from proteins and nucleic acids, to cells, to individuals, and finally at the level of populations, communities, and ecosystems, to the biosphere as a whole; these latter strata are the primary subjects of ecological inquiry. Ecology is a multidisciplinary science focusing on the life and the interrelations between organisms and their environment, ecology draws on many other science including geology and geography, meteorology, soil science, genetics, chemistry, and physics.

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2. A combination of the number of species and their relative abundance defines species diversity. Ecologists define species diversity on the basis of two factors: (1) the number of species in the community, which ecologists usually call species richness, and (2) the relative abundance of species, or species evenness. The influence of species richness on community diversity is clear. A community with 20 species is obviously less diverse than one with 80 species. The effects of species evenness on diversity are more subtle but easily illustrated.

B. 解釋名詞 (30%)

1. Autotroph
2. Allelopathy
3. Convergent evolution
4. Divergent evolution
5. Metapopulation
6. Eusociality

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C. 請以英文回答下列問題 (Please answer the following questions in English, and use less than 100 words) (20%)

Question: What is "Global warming effect"?