**Lifestyle Habits Contributing to Local Biodiversity Deterioration in Arkansas**

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Arkansas has a rich variety of animal and plant species because of its known diverse ecosystems that range from forests to wetlands. Lifestyle habits contributing to local biodiversity deterioration refer to the day-to-day activities and behaviors that negatively impact the variety and health of the local animal and plant species. This essay explores practices such as excessive land development and poor waste disposal that directly or indirectly impact the delicate balance of the local ecosystems.

Excessive land development, especially in urban areas, leads to habitat fragmentation. Many species lose their habitats and are forced into smaller spaces when natural areas are cleared for agriculture or construction. As a result, this reduces genetic diversity, making the species more vulnerable to environmental changes and diseases. In addition, this land development leads to a decrease in native plants that are essential to the local food chain, affecting birds, insects, and animals that depend on them for food. Although natural habitats are cleared for agriculture, urbanization, and industrial growth, excessive land development creates jobs and improves infrastructure.

Improper waste disposal, such as plastic pollution, also harm Arkansas biodiversity. Most plastic waste is disposed of in the lakes, rivers, and forests, where various species ingest it and entangle wildlife. The ingestion of plastic causes malnutrition, internal injuries, and death of animals like fish and birds. Moreover, the disposal of plastic into the soil causes contamination that disrupts the ecosystem and destroys species that rely on clean habitats. Although improper waste disposal has devastating impacts on the environment, it has created room for awareness of the importance of proper waste disposal.

**Steps to Improve the Impacted Biodiversity in the Ecosystem**

There are several steps to address and improve the local biodiversity issue. First, by encouraging sustainable land use practices, such as reforestation. Second, by reducing waste production, especially plastic waste that can be recycled. Third is by promoting public awareness on importance of biodiversity and individuals role in conserving Arkansas natural resources.

**Steps to Personally Take**

On a personal level, I will participate in local recycling programs to help reduce plastic waste and its environmental effects. Additionally, I will support local initiatives such as tree planting programs that promote sustainable land use preserving Arkansas's natural habitat.

**Conclusion**

Various lifestyle habits significantly influence the Arkansas local biodiversity deterioration. Agricultural expansion and pollution disrupt natural habitats, declining native species and ecosystems. To reduce these impacts, it is advisable to promote sustainable land use and promote public awareness and participation in preserving the ecosystems.