

~~Biodiversity has been very common to almost every one. However, a~~ comprehensive understanding ~~on the concept~~ of biodiversity ~~might be less common to many discussing parties.~~ ~~may not be observed in many researchers.~~ ~~Likewise~~ Similarly, microbial diversity is even less ~~common understood by~~ ~~to~~ most ~~of~~ academicians~~s~~, ex-cept ~~for~~ ~~of course~~ to microbiologists. In fact, ~~a~~ ~~a correct and~~ clear ~~and accurate understanding~~ ~~concept~~ of biodiversity is ~~a~~ prereq-uisite for serious and appropriate discussion ~~of~~ ~~on~~ the ~~matter~~ ~~topic~~. In this paper, the concept ~~and understanding~~ of microbial diversity ~~as well as~~ ~~its~~ ~~genetic~~ ~~potential~~ is fundamentally described ~~as well as their genetic potential by using a molecular biology approach~~ ~~reviewing to review~~ the development and application of ~~the~~ species concept ~~based on molecular biological approach. It is an undeniable fact that m~~ ~~M~~olecular biology has provided a powerful tool ~~for to~~ microbiologists ~~as well as~~ ~~and~~ evolutionists to unravel ~~the~~ ~~microbial~~ biodiversity ~~of microbial world, which play~~ ~~Microbes play~~ a paramount ~~important~~ ~~role in~~ ~~to conserve~~ ~~conserving~~ the basic function of ~~any~~ ~~the~~ ~~natural~~ environments ~~in the~~ ~~biosphere since because~~ ~~microbes~~ ~~they~~ live and flourish in all ecosystems, including extreme habitats. The ubiquity of microbes ~~is~~ clearly ~~underpins~~ ~~underpinned~~ by their diversity, including ~~their~~ physiological and metabolic diversity, ability to live in anaerobic environments, and ~~their~~ small size. ~~Development and applications of M~~ ~~molecu-lar~~ biology ~~methods~~ ~~development and application in microbiology~~ have transformed ~~the three areas in~~ ~~microbiology, namely~~ microbial ecology, microbial diversity, and microbial evolution from ~~research areas of~~ weakness into ~~areas of~~ ~~the~~ strength, ~~in for~~ ~~unraveling~~ ~~broadening our~~ ~~understanding of~~ ~~and un derstanding~~ microbial diversity, ~~and~~ its genetic potential, as well as its role in nature, ~~especially~~ ~~particularly~~ ~~their role to keep work~~ ~~to maintain~~ the biogeochemical cycle ~~in the~~ ~~on the~~ Earth. ~~Only by having an adequate understanding of~~ ~~microbial critical role in preserving nature that the e~~ ~~Environmental~~ conservation ~~can~~ ~~issue~~ ~~could~~ be ~~meaningfully understood and~~ ~~carried out~~ ~~implemented~~ ~~only with an adequate~~

**Comment [A1]:** Some content has been deleted at this instance to present the intended information in a concise manner and to avoid repetition.

**Comment [A2]:** Here, the subject is "microbial diversity," which is singular. Therefore, the pronoun used should also be singular for grammatical accuracy.

**Comment [A3]:** The definite article "the" is required here as a specific concept is being referred to.

**Comment [A4]:** In academic writing, information is presented with accuracy and conciseness. Formal language is a hallmark of academic English. One way to ensure conciseness in expression is converting phrasal verbs to formal words.

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understanding of the critical role of microbes in preserving nature.~~understood and realized~~  
meaningfully.

SAMPLE