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Titel der Arbeit: **Linking implicit biodiversity preferences in forests to biospheric concern and nature connectedness**

Abstract der Arbeit:

Undeniably, one of the biggest challenges the earth's population is currently facing is the global loss of biological biodiversity and its immense negative impacts on fundamental ecosystem services, which makes the need for conservation an important area of study. The positive effects of biodiverse ecosystems on human health have been widely studied. Biodiverse landscapes have been shown to be preferred over less biodiverse ones. Additionally, these landscape preferences are associated with environmental values. However, most of this research uses explicit rather than implicit measurement approaches. Aiming for full human support of biodiversity conservation, understanding implicit landscape preferences, too, proves to be a key factor. Drawing on the Preference Matrix the implicit landscape preferences in biodiversity were examined here using the Implicit Association Test. The main research interest was to investigate the interrelations between implicit biodiversity preferences, biospheric concern and nature connectedness. In total, 105 people participated in the online study (Mage = 28.2 years, SDage = 9.77 years; 67 female, 38 male). Results revealed a strong implicit positive association with biodiversity. However, no significant relationship between this association and biospheric concern or nature connectedness was demonstrated. Thus, it could be shown that preference for biodiversity can also be measured implicitly. The analyses are reproducible and can be accessed at <https://osf.io/wh2vu/>.