

## 宁南山区不同造林整地方式对草地植物群落特征的影响

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### 摘要:

以固定样地的群落样方调查数据为依据, 对宁南山区不同整地方式下退化草地植物群落恢复过程中的动态特征进行了对比研究。结果表明: 在一定时间尺度上, 生境的异质性和对鱼鳞坑整地植物群落的结构影响较大, 整地方式对植物群落结构特征的影响不明显。植物群落物种多样性由高到底的顺序为: 鱼鳞坑整地>“88542”水平沟整地>天然封育草地。对于封育5年的草地, 鱼鳞坑与水平沟的整地方式对草地植物群落特征的影响不明显, 自然生态因子对草地植物群落特征的影响比人为整地方式影响强。

关键词: 整地方式; 群落特征; 多样性

## Impact of land preparation methods on grassland communities in southern Ningxia

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### Abstract:

The study on the dynamic plant community characters of recovering degraded steppe under different land preparing methods was studied in southern Ningxia by surveying the fixed sample plots. The results indicated that the heterogeneity of habitat affected the plant community structures with land preparing method of fish scale pit at certain temporal scale. The rest land preparing methods had a little effect on plant community structures. The order of plant diversity in 3 sample plots was fish scale pit > “88542” level furrow > enclosed natural steppe. As for the enclosed natural steppe for 5 years, the fish scale pit and level furrow methods had a little effect on the plant community and the natural ecological factors had a greater effect.

Keywords: land preparation method; community characteristics; diversity

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