

前植物生产层

河北省草地资源评价

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摘要:

为掌握河北省草地资源动态,于2005-2007年进行了草地资源调查,根据草地植被产量、适口性及利用性状分析结果进行了草地等级评价。结果表明,1) I、II、III、IV和V等草地占调查样地的比例分别为0.91%、13.64%、31.82%、30.91%和22.73%。总体来看,III、IV等草地所占的比例较大,占调查样地的62.73%。不同草地类差异较大,温性草原、暖性草从基本属于III、IV等草地;温性草甸和山地草甸基本属于III、IV、V等草地;暖性灌草丛、低地草甸以IV、V等草地为主;沼泽草地为IV等草地。2) 18级草地占调查样地的比例分别为7.27%、4.55%、11.82%、15.45%、27.27%、14.55%、10.91%和8.18%。3) 与20世纪80年代河北省草地等级评价结果相比,I、II等草地的比例下降,III、IV、V等草地比例上升;14级草地比例降低,58级草地比例升高,草地整体呈恶化趋势。

关键词: 河北省; 天然草地; 草地等级; 评价

Grade appraisalment of grassland resource in Hebei Province

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Abstract:

In order to achieve the dynamic state of grassland resources in Hebei Province, the data of open air grassland survey of 110 plots, 330 quadrats were obtained from 2005 to 2007. Based on grassland vegetation yield, palatability and utilization characters, the rangeland grades in Hebei Province were appraised. Results from this study indicated that: 1) The percentages of grade I, II, III, IV and V in the investigated grassland plots were 0.91%, 13.64%, 31.82%, 30.91% and 22.73% respectively. The proportion of grades III and IV, total 67.73% in the investigated grassland plots, was bigger than that of others. Different grassland types had significant different grassland grades. The temperate steppe and warm temperate tussock could be classified into grade III and IV; the temperate meadow and mountain meadow belonged to grade III, IV and V; the warm temperate shrub grassland and lowland meadow were grade IV and V; and the land marsh grassland were put into grade IV. 2) The proportion of grassland classified into level 1 to 8 was 7.27%, 4.55%, 11.82%, 15.45%, 27.27%, 14.55%, 10.91% and 8.18% respectively. 3) Comparison with the appraisalment results of grassland grades in the 1980s, the proportion of grade I and II grassland decreased; grade III, IV and V increased; the proportion of level 1 to 4 reduced, level 5 to 8 elevated; overall grassland resources in Hebei Province showed an worsening trend.

Keywords: Hebei Province grassland grassland grade appraisal

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