

研究报告

吉林省敦化地区晚全新世泥炭沼泽孢粉组合特征及古植被

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摘要

对大桥泥炭地的孢粉进行了分析和年龄测定.根据孢粉组合、地层特征和¹⁴C年龄将剖面划分为4个孢粉带,分别为 2 195±70~2 045±70 yr B.P.松为主的松-云冷杉-榛-栎-苔草组合带、2 045±70~1 745±70 yr B.P.苔草为主的松-桦-榛-胡桃-苔草组合带、1 745 ±70~705±70 yr B.P.松-榛-鹅耳枥-苔草-毛茛组合带和 705±70 yr B.P.~1 950 yr A.D.松-云冷杉-桦-苔草组合带.周围植被由温带山地针叶林(类似现今海拔1 100 m以上)、温带针阔混交林下部(类似现今海拔400~600 m)和温带针阔混交林中部(类似现今海拔600~800 m)过渡到温带针阔混交林上部(类似现今海拔800~1 100 m).相应地,泥炭沼泽经历了孕育期、蓬勃发展期、继续扩张期和消亡期.

关键词 [孢粉组合](#) [古植被](#) [晚全新世](#) [长白山区](#)

分类号

Pollen assemblage and palaeo-vegetation of Late Holocene fen in Dunhua of Jilin Province

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Abstract

Based on the study of pollen, stratum and ¹⁴C dating of Daqiao fen in Dunhua of Jilin Province, four pollen zones were distinguished, *i.e.*, *Pinus-Picea-Abies* assemblage (2 195±70~2 045±70 B.P.), *Carex-Pinus-Betula-Corylus-Juglans* assemblage (2 045±70~1 745±70 B.P.), *Pinus-Corylus-Carpinus-Carex-Ranunculus* assemblage (1 745±70~705±70 B.P.), and *Pinus-Picea-Abies-Betula-Carex* assemblage (705±70~1 950 AD). The vegetation changed from coniferous forest (similar to the vegetation currently found over 1 100 m a.s.l. in this area), through conifer-broad-leaved mixed forest (similar to the vegetation currently found between 400~600 m a.s.l.) and conifer-broad-leaved mixed forest (similar to the vegetation currently found between 600~800 m a.s.l.), to conifer-broad-leaved mixed forest (similar to the vegetation currently found between 800~1 100 m a.s.l.). Accordingly, Daqiao fen underwent the periods of gestation, fast development, expansion, and dying out.

Key words

[Fen](#) [Pollen assemblage](#) [Palaeo-vegetation](#) [Late Holocene](#) [Changbai Mountains](#)

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