



FINAL EXAM IN BIO-3112

Exam in : **Bio-3112 Northern Geobotany**
Date : **Wednesday December 6, 2006**
Time : **09:00 – 13:00**
Place : **Åsgårdveien 9, 9016 Tromsø**

Approved remedies : **None**

The exam contains 1 page including this cover page

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BIO 3112
2006

Written examination 06.12.06, 09-13, Åsgårdveien 9, 9016 Tromsø.

Three of the following four questions must be answered:

1. a. Describe the most marked vegetation characteristics of the Boreal and Arctic sub-zones of northern Fennoscandian vegetation according to Moen (1999).

b. Discuss the vegetation sub-zone characteristics used by Moen on the basis of the view-points of Ellenberg (1988) regarding characteristic zonal vegetation.
2. a. What are the vegetational and floristic characteristics of the vegetation sections (following a maritime-continental climatic gradient) of i) Eurola & Vorren (1980), and ii) Moen (1999).

b. Compare the different approaches and their results.
3. a. Characterize the altitudinal vegetation belts in the mountain regions of the inner parts of northern Norway.

b. Compare the vertical vegetation belts in northern Norway with the horizontal vegetation zones in Norway. Are there any parallels?
4. a. The development of the agricultural impact on natural vegetation in northern Norway in terms of archaeological chronological periods.

b. Mention some typical vegetation that developed as a result of man's impact on the natural vegetation through times.

(kdv. 01.12.06)