



Objectivity in stratification, sampling  
and classification of vegetation

by

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ABSTRACT

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The aims of this study are to increase objectivity in stratification, sampling and classification of vegetation, thereby, improving repeatability, predictability and relevancy of vegetation classifications.

The aims are achieved by: relating stratification, sampling and classification to scale; improved small-scale vegetation mapping using, satellite imagery; improved plant cover estimations; and vegetation classification by minimum entropy. A comprehensive computer program package was developed to facilitate the aims of this study and reduce time spent on vegetation analyses. It is recommended that the vegetation resource be given the highest national priority because correct vegetation management can also ensure conservation of soil and soil water.



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