

Evaluation of Interspecific Diversity in *Avena* Genus by RAPD Analysis

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Until today, the systematic position of the species in genus *Avena* L. still remains disputable among researchers. Two tendencies are obvious in the modern classifications of *Avena* L.: expansion of the volume of species (so-called biological species) and subdivision of species into smaller ones on the basis of morphological and especially karyological differences. Extreme examples of these trends are such classifications where the number of species is either only 14, or amounts to 34. In this connection a molecular approach was used to study the phylogenetic relationships of *Avena* diploid and polyploid species based on RAPD-markers analyses (Random Amplified Polymorphic DNA).

<http://wheat.pw.usda.gov/ggpages/oatnewsletter/v46/#Loskutov2>