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[3] Physiol POSTER P3.26
Title:
Evaluation of protein utilization of a pollen substitute and a natural pollen mixture by measuring total protein content of the honeybee (<i>Apis mellifera</i>).
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Text of Abstract:
The use of pollen substitutes is becoming part of the routine beekeeping protocol more and more at present. These food substitute products contain a variety of components, most often including soy meal, various cereals, yeast mycelia, and frequently milk powder as well. Since digestion physiology of the bees is not yet fully understood, it is not an easy task to evaluate the conversion rate of a particular feed. Since digestion physiology of the bees is not yet fully understood, it is not an easy task to evaluate the conversion rate of a particular feed. In our experiment, we evaluate the protein utilization of a pollen a substitute and a natural pollen mixture by measuring total protein content of the honeybee (<i>Apis mellifera</i>) using the protein assay of Bradford. The analysis was carried out with the help of a Bio-Rad Microplate Manager and software. Research was supported/subsidized by the TÁMOP 4.2.2/B-10/1-2010-011 „Development of a complex educational assistance/support system for talented students and prospective researchers at the Szent István University” project.