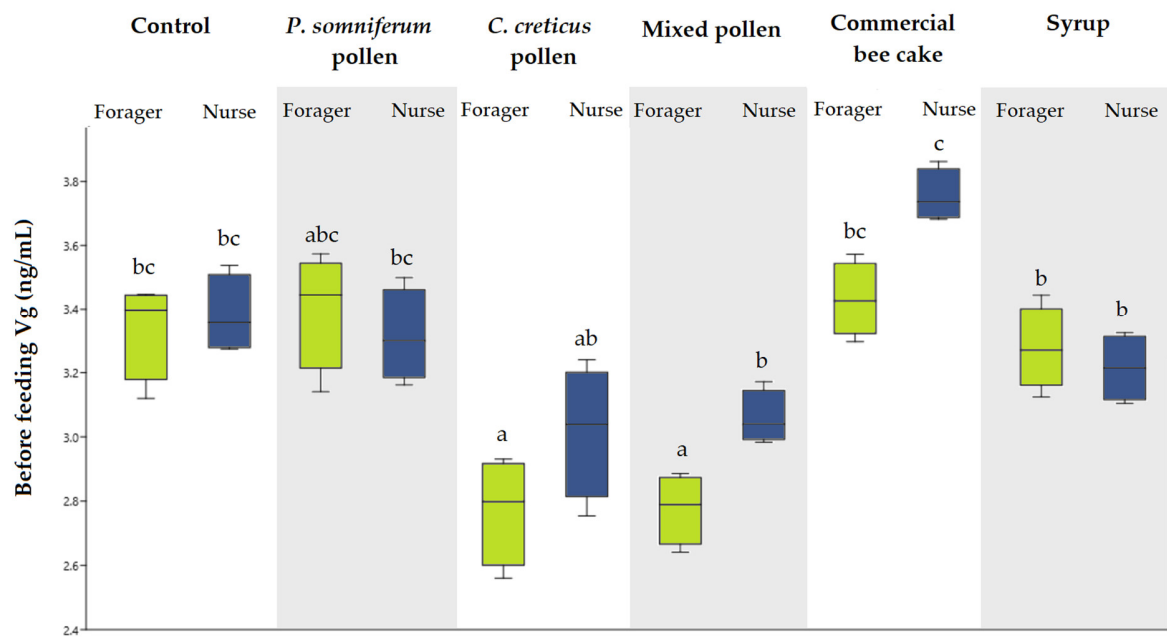


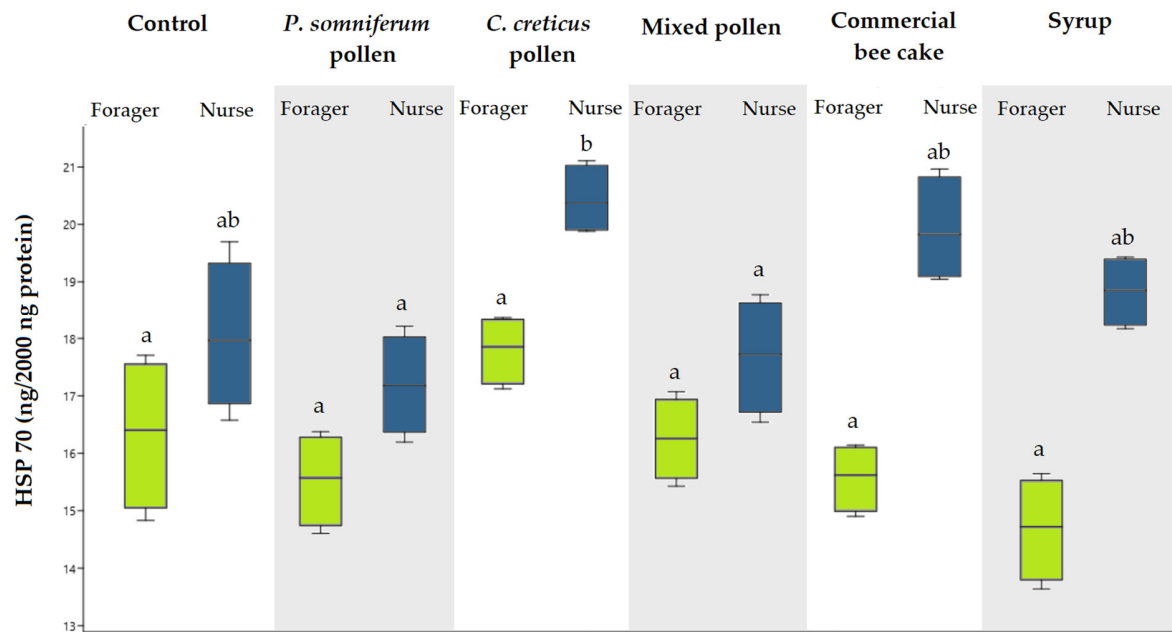
Supplementary Table S1. Group Consumption During the Experimental Period

Groups	Sugar Syrup (lt)	Bee cake (gr)
Sugar Syrup	14.0	-
Commercial Bee Cake	14.0	1350
<i>P. somniferum</i> pollen	14.0	1350
<i>C. creticus</i> pollen	14.0	1350
Mixed pollen	14.0	1350

Supplementary Table S2. Colony Numbers of the Groups at the Measurement Dates

Measurement	Colony Numbers of the Groups					
	Control	Sugar Syrup	Commercial Bee Cake	<i>P. somniferum</i> pollen	<i>C. creticus</i> pollen	Mixed pollen
14.09.2020	8	8	8	8	8	8
18.11.2020	7	6	8	8	8	8
10.03.2021	4	6	7	8	7	7

**Supplementary Figure S1.** Vg content/values of Groups before feeding. Different letters denote significant differences (p<0.05)



Supplementary Figure S2. HSP 70 content/values of Groups before feeding. Different letters denote significant differences ($p < 0.05$)