



Public Perceptions of Entomophagy as A Sustainable Source Of Protein Intake

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Abstract:

Issues such as the climate crisis, an ageing and growing population, and increased levels of health consciousness means there is a greater need for sustainable and healthy foods. For these reasons, an increasing number of individuals are reducing their intake of animal products. However, reducing the intake of certain food groups can have adverse effects, and is not necessarily healthy or sustainable. A questionnaire was used to assess people's willingness to partake in entomological practice, considering any personal variables that might influence this dietary change. A sensory evaluation was also conducted to determine preference between vegetarian and entomological burgers. 219 participants from a range of backgrounds completed the questionnaire, with results suggesting that factors such as age and dietary preference had no impact on their willingness to consume entomophagy foods. However, the sensory study with 22 participants, showed that there was a significant difference in the sensory properties between the 2 samples, and that individuals preferred the non-entomological sample. This was analyzed using an Anova statistical test. Overall, the results suggested that further research into this area would be highly beneficial.

Biography:

Charlotte Baker is from University of Chester, Uk

Publication of speakers:

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2. Smith, Matthew & Blythe, Andrew & Baker, Charlotte & Zou, Charlie & Hutchinson, Peter & Tysome,



James. (2017). Tests of Eustachian Tube Function: The Effect of Testing Technique on Tube Opening in Healthy Ears. *Otology & Neurotology*. 38. 1. 10.1097/MAO.0000000000001375.

3. Smith, Matthew & Zou, Charlie & Baker, Charlotte & Blythe, Andrew & Hutchinson, Peter & Tysome, James. (2017). The repeatability of tests of eustachian tube function in healthy ears: Repeatability of Eustachian Tube Tests. *The Laryngoscope*. 127. 10.1002/lary.26534.
4. Smith, Matthew & Zou, Charlie & Baker, Charlotte & Blythe, Andrew & Hutchinson, Peter & Tysome, James. (2017). The repeatability of tests of eustachian tube function in healthy ears: Repeatability of Eustachian Tube Tests. *The Laryngoscope*. 127. 10.1002/lary.26534.
5. Smith, Matthew & Blythe, Andrew & Baker, Charlotte & Zou, Charlie & Hutchinson, Peter & Tysome, James. (2017). Tests of Eustachian Tube Function: The Effect of Testing Technique on Tube Opening in Healthy Ears. *Otology & Neurotology*. 38. 1. 10.1097/MAO.0000000000001375.

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