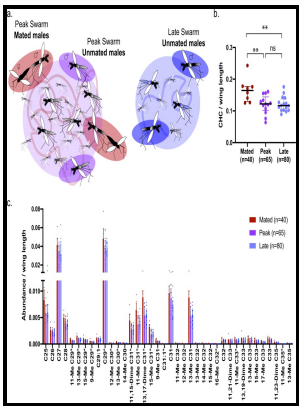
Studies on the use of cuticular hydrocarbon analysis for the identification of Anopheles larvae.

University of Salford - Cuticular Hydrocarbon Analysis as a Tool in Sandfly Identification



Description: -
-Studies on the use of cuticular hydrocarbon analysis for the identification of Anopheles larvae.
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The Windsor selection
Les grands écrivains chrétiens
D170403Studies on the use of cuticular hydrocarbon analysis for the identification of Anopheles larvae.
Notes: PhD thesis, Biological Sciences.
This edition was published in 1992

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Tags: #Cuticular #hydrocarbon #gas #chromatography #analysis #of #Argas #vulgaris, #A. #polonicus, #and #their #hybrids

CAB Direct

Within the male dataset, analyses of historical i. A comparison was made of recent 2018 and historical 5 + years specimens using three species S.

CAB Direct

The flesh fly genus Sarcophaga Meigen contains over 900 species worldwide, the taxonomic relationships of which are still very incompletely known. The odd-numbered n-alkanes generally had larger peak areas, with heptacosane dominating the profiles in most species except S.

Value of cuticular and internal hydrocarbons for the identification of larvae of Anopheles gambiae Giles, Anopheles arabiensis Patton and Anopheles melas Theobald

Data from males and females were pooled to increase sample size as we saw no difference in total CHC abundances between sexes Supplementary Fig. Effect of age on cuticular hydrocarbon profiles in adult Chrysomya putoria Diptera: Calliphoridae. Analysis of Variance ANOVA was carried out for these features for each of the subset of species and for the full dataset.

Cuticular hydrocarbons as a tool for the identification of insect species: Puparial cases from Sarcophagidae

Distinct physiological, biochemical and morphometric adjustments in the malaria vectors Anopheles gambiae and A.

CAB Direct

Clearly, further behavioural research is needed to assess the role of sexually dimorphic CHCs in sarcophagids. Although the samples collected and extracted in 2018 yielded a much higher concentration of CHCs a similar phenomenon was found for specimens of four hornet species which were between 3 and 13 years old , CHCs of the historical samples were still stable and detectable and could still be statistically distinguished from the chemical profiles of other species.

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