

SUPPLEMENTARY MATERIALS

Important agricultural and cotton pests detected in the diet of two threatened insectivorous bats in a cotton agroecosystem: insights from a molecular study

Heidi Kolkert, Rose Andrew, Rhiannon Smith, Romina Rader, Nick Reid

SM1 - Number of Operational taxonomic Units (OTUs) matched to species (where possible) or lower taxonomic level. OTUs were compared with reference sequences in the National Center for Biotechnology Information (NCBI) database using the nucleotide Basic Local Alignment Search Tool (BLAST) on 10 May 2020.

Order / family/ genus / species	<i>Vespdelus baverstocki</i>	<i>Chalinolobus picatus</i>
Coleoptera	1	1
Tenebrionidae	1	1
Isopteron	1	1
Unknown	1	1
Lepidoptera	123	76
Acrolophidae	1	0
Acrolophidae	1	0
Unknown	1	0
Autostichidae	0	1
Procometis	0	1
Unknown	0	1
Blastobasidae	1	1
Pigritia	1	1
Unknown	1	1
Castniidae	0	3
Athis	0	1
Athis clitarcha	0	1
Unknown	0	2
Unknown	0	2
Copromorphidae	1	1
Osidryas	1	1
Osidryas phyllodes	1	1
Crambidae	8	1
Deuterarcha	1	0
Deuterarcha xanthomela	1	0
Eulepte	1	0
Unknown	1	0
Orthospila	1	0
Unknown	1	0
Pediasia	1	0
Unknown	1	0
Ptochostola	1	0
Ptochostola asaphes	1	0

Order / family/ genus / species	<i>Vespadelus baverstocki</i>	<i>Chalinolobus picatus</i>
Sceliodes	1	0
Sceliodes cordalis	1	0
Scoparia	1	1
Scoparia paracycla	1	1
Unknown	1	0
Unknown	1	0
Depressariidae	1	0
Antaeotricha	1	0
Unknown	1	0
Depressariidae	1	1
Hypertropha	1	1
Hypertropha tortriciformis	1	1
Elachistidae	1	0
Coracistis	1	0
Coracistis erythrocosma	1	0
Erebidae	8	3
Agylla	1	1
Unknown	1	1
Anomis	1	0
Unknown	1	0
Antiblemma	1	0
Unknown	1	0
Ardonea	1	0
Unknown	1	0
Bleptina	1	0
Unknown	1	0
Cyana	0	2
Unknown	0	2
Eublemma	1	0
Eublemma inconspicua	1	0
Unknown	1	0
Unknown	1	0
Zanclognatha	1	0
Unknown	1	0
Gelechiidae	3	3
Ardozyga	1	1
Ardozyga tetralychna	1	1
Deltophora	0	1
Deltophora peltosema	0	1
Epimimastis	1	0
Epimimastis tegminata	1	0
Filatima	0	1
Unknown	0	1
Unknown	1	0
Unknown	1	0

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Geometridae	11	5
Ateloptila	0	1
Unknown	0	1
Eois	1	0
Unknown	1	0
Geometridae	2	1
Unknown	2	1
Hypatima	1	0
Capusa senilis	1	0
Idaea	1	0
Idaea eucrossa	1	0
Peribatodes	0	1
Peribatodes rhomboidaria	0	1
Poecilasthena	1	0
Poecilasthena thalassias	1	0
Racotis	1	0
Racotis maculata	1	0
Tolmera	1	0
Unknown	1	0
Unknown	2	0
Unknown	2	0
Zamarada	0	1
Unknown	0	1
Zeheba	1	1
Zeheba spectabilis	1	1
Gracillariidae	2	1
Caloptilia	1	1
Unknown	1	1
Gracillariidae	1	0
Unknown	1	0
Heterochrosis	1	1
Heterochrosis	1	1
Heterochrosis molybdophora	1	1
Lacturidae	0	1
Eustixis	0	1
Unknown	0	1
Lasiocampidae	0	1
Symphyta	0	1
Symphyta psaropis	0	1
Lecithoceridae	0	1
Crocantes	0	1
Crocantes halurga	0	1
Mimallonidae	1	0
Cicinnus	1	0
Unknown	1	0

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Noctuidae	30	15
Acontia	1	0
Acontia nivipicta	1	0
Aegilia	1	0
Aegilia describens	1	0
Agrotis	0	1
Agrotis munda	0	1
Arrade	1	1
Unknown	1	1
Asota	3	0
Unknown	3	0
Athetis	0	1
Athetis tenuis	0	1
Chaograptis	0	1
Chaograptis crystallodes	0	1
Diarsia	2	1
Diarsia intermixta	1	1
Unknown	1	0
Dysgonia	0	1
Unknown	0	1
Ectopatria	2	1
Ectopatria horologa	1	1
Ectopatria mundoides	1	0
Eupselia	1	0
Unknown	1	0
Helicoverpa	3	1
Helicoverpa armigera	1	0
Helicoverpa punctigera	2	1
Hypena	0	1
Hypena eductalis	0	1
Leucania	3	1
Leucania diatrecta	1	1
Leucania loreyi	2	0
Melanchra	1	0
Melanchra persicariae	1	0
Noctuidae	3	1
Noctuidae gen. noctjanzen01 sp. Janzen243	1	0
Unknown	2	1
Oxyodes	1	0
Oxyodes tricolor	1	0
Paromphale	1	0
Paromphale caeca	1	0
Proteuxoa	1	0
Proteuxoa sanguinipuncta	1	0
Pyripnoa	1	0
Pyripnoa sciaptera	1	0

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Spodoptera	0	2
Spodoptera exigua	0	1
Unknown	0	1
Tolpiodes	1	1
Tolpiodes melanoproctis	1	1
Unknown	4	0
Unknown	4	0
(blank)	0	1
(blank)	0	1
Nolidae	3	3
Armactica	1	2
Armactica conchidia	1	2
Nolinae	1	0
Unknown	1	0
Selepa	1	1
Unknown	1	1
Notodontidae	1	0
Hemiceras	1	0
Unknown	1	0
Oecophoridae	10	5
Artiastis	1	1
Artiastis ptochopa	1	1
Eochrois	1	1
Unknown	1	1
Eulechria	1	0
Eulechria dichroa	1	0
Garrha	1	1
Garrha absumptella	0	1
Unknown	1	0
Heteroteucha	1	0
Heteroteucha leptobaphes	1	0
Olbonoma	1	1
Olbonoma callopistis	0	1
Unknown	1	0
Philobota	2	0
Philobota chionoptera	1	0
Philobota orescoa	1	0
Prepocosma	2	1
Prepocosma tropica	1	0
Unknown	1	1
Pterophoridae	1	0
Cosmoclostis	1	0
Unknown	1	0
Pyralidae	11	13
Araeopaschia	1	1
Unknown	1	1

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Cryptarthria	1	1
Unknown	1	1
Endotricha	3	3
Endotricha puncticostalis	3	3
Etiella	2	0
Etiella behrii	2	0
Faveria	1	5
Faveria tritalis	1	4
Unknown	0	1
Hellula	1	0
Hellula hydralis	1	0
Hyalorista	1	1
Unknown	1	1
Nyctereutica	1	2
Unknown	1	2
Sphingidae	0	4
Hippotion	0	1
Hippotion celerio	0	1
Phylloxiphia	0	1
Phylloxiphia illustris	0	1
Psilogamma	0	1
Psilogamma argos	0	1
Theretra	0	1
Theretra oldenlandiae	0	1
Tineidae	1	0
Edosa	1	0
Unknown	1	0
Tortricidae	8	3
Adoxophyes	1	0
Unknown	1	0
Ancylis	0	1
Unknown	0	1
Anthozela	1	0
Anthozela chrysoxantha	1	0
Bactra	1	1
Bactra optanias	1	1
Capua	2	0
Capua catharia	1	0
Capua dura	1	0
Ericodesma	1	0
Ericodesma leptosticha	1	0
Eucosma	1	0
Unknown	1	0
Merophyas	1	0
Merophyas divulsana	1	0
Unknown	0	1
Unknown	0	1

Order / family/ genus / species	<i>Vespadelus baverstocki</i>	<i>Chalinolobus picatus</i>
Unknown	17	8
Eurois	1	0
Unknown	1	0
Unknown	16	8
Unknown	16	8
Uraniidae	0	1
Epipleminae	0	1
Unknown	0	1
Yponomeutidae	1	0
Schistocyttara	1	0
Unknown	1	0
Orthoptera	0	1
Gryllidae	0	1
Teleogryllus	0	1
Teleogryllus oceanicus	0	1
Total	124	78