

Title: Aerospace-foraging bats eat seasonably across varying habitats: implications for ecosystem services.

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Supplementary Material 5:

Insect species preyed upon by *Miniopterus schreibersii* considered as major and minor pests by the Spanish Ministry of Agriculture, arranged in order to the maximum seasonal consumption in the diet, measured as weighted percentage of occurrences: Max wPOO, maximum weighted percentage of occurrences (%) seasonally recorded; Max FOO, the maximum frequency of occurrences (%) seasonally recorded; Date, the sampling season the Max WPOO was recorded.

Source: Gil ÁM, de Ojer JLRS, Pérez MR, Ministerio de Agricultura (2014). Guía de gestión integrada de plagas. <https://www.mapa.gob.es/es/agricultura/temas/sanidad-vegetal/productos-fitosanitarios/guias-gestion-plagas/>

Species	Max wPOO	Max FOO	Date	Major Pest of:	Minor Pest of:
<i>Agrotis segetum</i>	17.8	90	24.09.18	Artichoque, cardoon; Horticultural: spinach, lettuce, swiss chard, escarole, starflower; zea mays	Cotton; Solanaceae: aubergine, pepper, tomato; Brassicas: broccoli, cauliflower, Brussels sprouts, cabbage, collard greens, Roman cauliflower; alfalfa; vineyards
<i>Agrotis ipsilon</i>	16.2	100	05.11.18	Artichoque, cardoon; Horticultural: spinach, lettuce, swiss chard, escarole, starflower; zea mays	Solanaceae: aubergine, pepper, tomato; Brassicas: broccoli, cauliflower, Brussels sprouts, cabbage, collard greens, roman cauliflower; alfalfa; vineyards
<i>Creontiades pallidus</i>	14.8	70	24.09.18	Solanaceae: aubergine, pepper, tomato; cotton	
<i>Noctua pronuba</i>	14.8	100	11.05.18		Vineyards
<i>Autographa gamma</i>	13.8	90	11.05.18	Horticultural: spinach, lettuce, swiss chard, escarole, starflower;	Brassicas: broccoli, cauliflower, Brussels sprouts, cabbage, collard greens, roman

					cauliflower; artichoke, cardoon; alfalfa; vineyards;
<i>Prays citri</i>	12.1	60	21.05.18	Citrus plants	
<i>Thaumetopoea pityocampa</i>	10.3	90	27.08.18	Conifers	
<i>Peridroma saucia</i>	7.7	60	11.05.18		Alfalfa
<i>Palpita vitrealis</i>	6.9	40	13.08.18	Olive groves	
<i>Spodoptera exigua</i>	5.0	30	24.09.18	Horticultural: spinach, lettuce, swiss chard, escarole, starflower; Solanaceae: aubergine, pepper, tomato;	Alfalfa; artichoke, cardoon; cotton;
<i>Spodoptera littoralis</i>	5.0	60	08.10.18	Horticultural: Spinach, lettuce, swiss chard, escarole, starflower; Solanaceae: aubergine, pepper, tomato; Rice;	Alfalfa; artichoke, cardoon; cotton;
<i>Cydia fagiglandana</i>	4.7	50	05.11.18		Castanea sativa; <i>Quercus</i> sp.;
<i>Agrotis puta</i>	4.4	50	08.10.18	Artichoke, cardoon; Horticultural: spinach, lettuce, swiss chard, escarole, starflower; zea mays	Solanaceae: aubergine, pepper, tomato; Brassicas: broccoli, cauliflower, Brussels sprouts, cabbage, collard greens, roman cauliflower; alfalfa; vineyards
<i>Chrysodeixis chalcites</i>	3.3	20	16.07.18		Brassicas: broccoli, cauliflower, Brussels sprouts, cabbage, collard greens, roman cauliflower;
<i>Helicoverpa armigera</i>	3.3	40	16.07.18	Artichoke, cardoon; Solanaceae: aubergine, pepper, tomato; cotton; zea mays; horticultural: spinach, lettuce, swiss chard, escarole, starflower; Brassicas: broccoli,	Alfalfa

				cauliflower, Brussels sprouts, cabbage, collard greens, roman cauliflower;	
<i>Agrotis spinifera</i>	2.5	11	10.09.18	Artichoke, cardoon; Horticultural: Spinach, lettuce, swiss chard, escarole, starflower; Zea Mays	Solanaceae: aubergine, pepper, tomato; Brassicas: Brocoli, Cauliflower, Brusels sprouts, Cabage, Collard greens, Romanescu; Alfalfa; Vineyards
<i>Sesamia nonagrioides</i>	2.5	10	24.09.18	Zea mays	
<i>Prays oleae</i>	2.5	30	13.08.18	Olive groves	
<i>Noctua comes</i>	2.2	20	27.08.18		Vineyards
<i>Tuta absoluta</i>	2.0	20	27.08.18	Solanaceae: aubergine, pepper, tomato;	
<i>Pectinophora gossypiella</i>	1.7	10	18.06.18	Cotton	
<i>Plutella xylostella</i>	1.4	10	02.07.18	Brassicas: Brocoli, Cauliflower, Brusels sprouts, Cabage, Collard greens, Romanescu;	
<i>Agrotis trux</i>	1.3	20	08.10.18	Artichoke, cardoon; Horticultural: Spinach, lettuce, swiss chard, escarole, starflower; Zea Mays	Solanaceae: aubergine, pepper, tomato; Brassicas: Brocoli, Cauliflower, Brusels sprouts, Cabage, Collard greens, Romanescu; Alfalfa; Vineyards
<i>Earias insulana</i>	1.3	20	08.10.18	Cotton	
<i>Dioryctria mendacella</i>	1.3	10	04.06.18		Conifers
<i>Euzophera pinguis</i>	1.3	10	21.05.18	Olive groves	
<i>Agrotis bigramma</i>	0.6	10	30.07.18	Artichoke, cardoon; Horticultural: Spinach, lettuce, swiss chard, escarole, starflower; Zea Mays	Solanaceae: aubergine, pepper, tomato; Brassicas: Brocoli, Cauliflower, Brusels sprouts, Cabage, Collard

					greens, Romanescu; Alfalfa; Vineyards
<i>Cydia splendana</i>	0.6	10	10.09. 18	Quercus sp.;	Castanea sativa;
<i>Pammene fasciana</i>	0.6	11	08.10. 18		Castanea sativa;