



ALS have been selling pheromone lures since 2004 and started with the Clearwing Classic Six. Over the years we have extended our range with new species, some of which have been made specifically to our demand while also adding lures for various other species of moths. We have collated all our data, much of which have been passed on to us by many customers of which we thank very much especially Tim Green and Graham Ekins (Essex), to produce the below non-target species data base.

Pheromone lures are made up of between 4-6 compounds and it is some of these 'base' compounds which are acting as an attractant to other species. Although some of the species listed are quite rare to synthetic lure, others do seem to be more frequent. The below data is from the UK and Europe.

If you have any additional information, please get in touch with us.

<u>SPECIES and lure code</u>	<u>Non-intended moth target species caught</u>			
Six-belted Clearwing - <i>Bembecia ichneumoniformis</i> <b>API</b>	<i>Bembecia albanensis</i> <i>Pyropteron triannuliformis</i>	Five-spot Burnet sp. <i>Chamaesphesia empiformis</i>	Six-spot Burnet <i>Pyropteron chrysidiformis</i>	<i>Nemapogon variatella</i>
Thrift/Raspberry Clearwing <b>HYL</b>	<i>Bembecia ichneumoniformis</i> (Six-belted Clearwing)	<i>Synanthedon conopiformis</i> (Oak Clearwing)	<i>Phalonidia affinitana</i>	<i>Stenoptinea cyaneimarmorella</i>
<i>Synansphecchia muscaeformis</i> / <i>Pennisetia hylaeiformis</i>	<i>Cacaecimorpha pronubana</i> <i>Hypsopygia costalis</i> (Gold Triangle) <i>Opisthograptis luteolata</i> (Brimstone Moth)	<i>Lobesia littoralis</i> <i>Lymantria dispar</i> (Gypsy Moth)	<i>Cnephasia pumicana</i> <i>Nemapogon ruricolella</i>	<i>Dryadula heindeli</i> <i>Pseudargyrotoza conwagana</i>
Dusky Clearwing - <i>Paranthrene tabaniformis</i> <b>TAB</b>	<i>Synanthedon conopiformis</i> (Oak Clearwing) <i>Micropterix calthella</i>	<i>Pennisetia hylaeiformis</i> (Raspberry Clearwing) <i>Nemapogon ruricolella</i>	<i>Cydia strobilella</i> <i>Nemapogon variatella</i>	<i>Idea fuscovenosa</i> (Dwarf Cream Wave) <i>Dryadula heindeli</i>
Red-belted Clearwing - <i>Synanthedon myopaeiformis</i> <b>MYO</b>	<i>Synanthedon stomoxiformis</i>	<i>Endotricha flammealis</i>	<i>Lacanobia oleracea</i> (Bright-line Brown-eye)	<i>Asthenes albulata</i> (Small White Wave)
Currant/White-barred Clearwing <b>TIP</b>	<i>Synanthedon myopaeiformis</i> (Red-belted Clearwing)	<i>Blastobasis adustella</i>	<i>Apamea sordens</i> (Rustic Shoulder-knot)	<i>Cosmia trapezina</i> (Dun-bar)
<i>Synanthedon tipuliformis</i> / <i>Synanthedon spheciformis</i>	<i>Endotricha flammealis</i> <i>Pammene aurana</i>	<i>Lyonetia clerkella</i> <i>Callisto denticulella</i>	<i>Nemapogon ruricolella</i>	<i>Psychoides filicivora</i>
Yellow-legged/Orange-tailed Clearwing <b>VES</b>	<i>Chamaesphesia aerifrons</i>	<i>Pennisetia hylaeiformis</i> (Raspberry Clearwing)	<i>Phycitodes filicivora</i>	<i>Pammene aurita</i>
<i>Synanthedon vespiformis</i> / <i>Synanthedon andrenaeformis</i>	<i>Phyllonorycter harrisella</i> <i>Crassa unitella</i> The Forester	<i>Cacaecimorpha pronubana</i> <i>Lymantria dispar</i> (Gypsy Moth)	<i>Abrostola tripartita</i> (The Spectacle) <i>Nemapogon koenigi</i>	<i>Archips xylosteana</i> <i>Nemapogon ruricolella</i>
Hornet Clearwing - <i>Sesia apiformis</i> <b>HOR</b>	<i>Bembecia ichneumoniformis</i> (Six-belted Clearwing) <i>Eudonia mercurella</i>	<i>Chamaesphesia empiformis</i> <i>Monopis weaverella</i>	<i>Endotricha flammealis</i>	<i>Agrotis puta</i> (Shuttle-shaped Dart)
Large Red-belted Clearwing - <i>Synanthedon culiciformis</i> <b>CUL</b>	<i>Synanthedon myopaeiformis</i> (Red-belted Clearwing) <i>Pammene aurana</i> <i>Endotricha flammealis</i> <i>Triaxomera fulvimitrella</i>	<i>Phlogophora meticulosa</i> (Angle Shades) <i>Camptogramma bilineata</i> (Yellow Shell) <i>Eudonia mercurella</i>	<i>Agnathosia mendicella</i> <i>Coleophora amethystinella</i> <i>Glyphipterix simplicella</i>	<i>Alcis repandata</i> (Mottled Beauty) <i>Diaphora mendica</i> (Muslin Moth) <i>Nemapogon clematella</i>
Red-tipped Clearwing - <i>Synanthedon formicaeformis</i> <b>FOR</b>	<i>Pennisetia hylaeiformis</i> (Raspberry Clearwing) <i>Idea aversata</i> (Riband Wave) <i>Archinemapogon yildizae</i>	<i>Synanthedon andrenaeformis</i> (Orange-tailed Clearwing) <i>Lymantria dispar</i> (Gypsy Moth) <i>Eudonia mercurella</i>	<i>Cydia fagiglandana</i> <i>Nemapogon koenigi</i>	<i>Grapholita funebrana</i> <i>Pammene aurana</i>
Welsh Clearwing - <i>Synanthedon scoliaeformis</i> <b>SCO</b>	<i>Synanthedon soffneri</i>	<i>Dryadula heindeli</i>	<i>Lymantria dispar</i> (Gypsy Moth)	<i>Opisthograptis luteolata</i> (Brimstone Moth)
Sallow Clearwing - <i>Synanthedon flaviventris</i> <b>SAL</b>	<i>Synanthedon myopaeiformis</i> (Red-belted Clearwing) <i>Agrotis segetum</i> (Turnip Moth)	<i>Pammene aurita</i> <i>Psychoides filicivora</i>	<i>Pammene gallicana</i> <i>Opisthograptis luteolata</i> (Brimstone Moth)	<i>Lymantria dispar</i> (Gypsy Moth)
Orange-tailed Clearwing - <i>Synanthedon andrenaeformis</i> <b>AND</b>	<i>Synanthedon vespiformis</i> (Yellow-legged Clearwing)	<i>Lymantria dispar</i> (Gypsy Moth)		

Lunar Hornet Clearwing - <i>Sesia bembeciformis</i> <b>LUN</b>	Hornet Clearwing ( <i>Sesia apiformis</i> ) <i>Pammene aurana</i> <i>Monopis crocipitella</i>	<i>Synanthedon formicaeformis</i> (Red-tipped Clearwing) <i>Acrocercops brongiardiella</i>	Vines Rustic <i>Niditinea striolella</i>	<i>Triaxomasia caprimulgella</i> <i>Narycia duplicella</i>
Oak Clearwing - <i>Synanthedon conopiformis</i> <b>OAK</b>	<i>Paranthrene tabaniformis</i> (Dusky Clearwing) <i>Nemapogon ruricolella</i>	<i>Dryadula heindeli</i> <i>Paranthrene tabaniformis</i>	<i>Eilema depressa</i> (Buff Footman) <i>Celypha lacunana</i>	<i>Lymantria dispar</i> (Gypsy Moth)
Honeysuckle Clearwing - <i>Synanthedon soffneri</i> - <b>SOF</b>	<i>Lymantria dispar</i> (Gypsy Moth)			
<i>Synanthedon spuleri</i> <b>SPU</b>	<i>Synanthedon myopaeformi</i> (Red-belted Clearwing) <i>Stigmella ulmivora</i>	<i>Pennisetia hylaeiformis</i> (Raspberry Clearwing)	<i>Dypterygia scabriuscula</i> (Birds Wing)	<i>Nemapogon koenigi</i>
<i>Pyropteron affinis</i> <b>AFF</b>	No data			
Cypress spurge Clearwing - <i>Chamaesphesia empiformis</i> <b>CYP</b>	<i>Choreutis nemorana</i>	<i>Idea aversata</i> (Riband Wave)		
Emperor Moth - <i>Saturnia pavonia</i> <b>EMP</b>	<i>Amblyptilia acanthadactyla</i>	<i>Glyphipterix simplicella</i>	<i>Mamestra brassicae</i> (The Cabbage)	
Gypsy Moth - <i>Lymantria dispar</i> <b>GYP</b>	<i>Lymantria monacha</i> (Black Arches)	<i>Synaphe punctalis</i>		
Goat Moth - <i>Cossus cossus</i> <b>COS</b>				
<i>Dendrolimus pini</i> - Pine-tree Lappet <b>PIN</b>	<i>Triaxomera parasitella</i>	<i>Idea trigeminata</i> (Treble Brown Spot)		
<i>Cydia fagiglandana</i> <b>FAG</b>	<i>Cydia servillana</i>	<i>Cydia nigricana</i>	<i>Cydia strobilella</i>	
<i>Cydia strobilella</i> <b>STO</b>	<i>Crambus pascuella</i>	<i>Eudonia mercurella</i>	<i>Tachystola acroxantha</i>	
<i>Cydia pomonella</i> <b>POM</b>	<i>Cydia interscindana</i> <i>Endotricha flammealis</i> <i>Cnephasia genitalana</i>	<i>Agrotis exclamationis</i> (Heart & Dart) <i>Lyonetia clerkella</i> <i>Paraswammerdamia nebulella</i>	<i>Asthena albulata</i> (Small White Wave) <i>Scoparia lacustrata</i>	<i>Dichelia histrionana</i> <i>Stigmella hybnerella</i>
<i>Cydia nigricana</i> <b>NIG</b>	<i>Phyllonorycter blancardella</i> <i>Hypsopygia glaucinalis</i>	<i>Phyllonorycter hostis</i>	<i>Phyllonorycter oxyacanthae</i>	<i>Stigmella ulmivora</i>
<i>Grapholita funebrana</i> <b>FUN</b>	<i>Grapholita janthinana</i> <i>Pammene aruana</i> <i>Dichrorampha aeratana</i> <i>Hadena confusa</i> (Marbled Coronet) <i>Tinea semifulvella</i>	<i>Pammene fasciana</i> <i>Grapholita tenebrosana</i> <i>Acentria ephemerella</i> <i>Lymantria dispar</i> (Gypsy Moth) <i>Epiblema costipunctana</i>	<i>Cnephasia stephensiana</i> <i>Pammene suspectana</i> <i>Argyresthia curvella</i> <i>Pammene albuginana</i> <i>Agrotis segetum</i> (Turnip Moth)	<i>Ochsenheimeria vacculella</i> <i>Pseudargyrotoza conwagana</i> <i>Endothenia gentianaana</i> <i>Pammene argyrana</i>
<i>Grapholita lobarzewskii</i> <b>LOB</b>	<i>Pammene giganteana</i> <i>Cnephasia asseclana</i>	<i>Pammene albuginana</i> <i>Apamea sordens</i> (Rustic-shoulder Knot)	<i>Hedya nubiferana</i>	
<i>Grapholita molesta</i> <b>MOL</b>	<i>Pammene fasciana</i> <i>Lyonetia clerkella</i>	<i>Grapholita funebrana</i>	<i>Hedya pruniana</i>	
<i>Lampronia capitella</i> <b>CAP</b>	<i>Callisto denticulella</i>	<i>Epinotia immundana</i>	<i>Idea seriata</i> (Small Dusty Wave)	
Box-tree Moth - <i>Cydalima perspectalis</i> <b>BOX</b>	<i>Idea rusticata</i> (Least Carpet) <i>Metalampra italica</i> <i>Patania ruralis</i> (Mother of Pearl)	<i>Autographa gamma</i> (Silver Y) <i>Lymantria dispar</i> (Gypsy Moth) <i>Scoparia lacustrata</i>	<i>Hecatera bicolorata</i> (Broad-barred White) <i>Orthosia gracilis</i> (Powdered Quaker)	<i>Hecatera dysodea</i> (Small Ranunculus) <i>Yponomeuta</i> sp.
<i>Tuta absoluta</i> <b>ABS</b>	<i>Grapholita tenebrosana</i>	<i>Bisigna procerella</i>	<i>Eudemis profundana</i>	