

Table 3. Species of *Papilio* used in this study, host plants, larval morphology, host growth form, and host leaf size

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>Papilio aegaeus</i>	<i>Citrus australasica</i> , <i>Citrus australis</i> , <i>Citrus garrawayae</i> , <i>Citrus inodora</i> , <i>Clausena brevistyla</i> , <i>Dinosperma erythrocoeca</i> , <i>Dinosperma melanophloia</i> , <i>Eriostemon australasius</i> , <i>Flindersia australis</i> , <i>Flindersia bennettii</i> , <i>Flindersia collina</i> , <i>Flindersia ifflaiana</i> , <i>Flindersia laevicarpa</i> , <i>Flindersia oppositifolia</i> , <i>Flindersia pimenteliana</i> , <i>Flindersia schottiana</i> , <i>Geijera salicifolia</i> , <i>Geijera parviflora</i> , <i>Halfordia</i> spp, <i>Leonema ambiens</i> , <i>Leonema dentatum</i> , <i>Micromelum minutum</i> , <i>Philotheca myoporoides</i> , <i>Zanthoxylum brachyachanthum</i> , <i>Zanthoxylum nitidum</i> , <i>Zieria laevigata</i> , <i>Zieria smithii</i> (2)	Cryptic (1, 11)	Tree, Shrub	Narrow, Wide
<i>P. alexanor</i>	<i>Opopanax chironium</i> , <i>Opopanax hispidus</i> , <i>Seseli montanum</i> , <i>Pimpinella saxifraga</i> , <i>Ptychotis saxifraga</i> (<i>heterophylla</i>), <i>Scaligeria cretica</i> (<i>napiformis</i>), <i>Ferula communis</i> , <i>Pastinaca sativa</i> , <i>Trinia glauca</i> (<i>vulgaris</i>), <i>Seseli dioicum</i> , <i>Falcaria vulgaris</i> , <i>Seseli libanotis</i> , <i>Torilis heterophylla</i> , <i>Ferula karategina</i> , <i>Ferula ugamica</i> (20, 21, 23)	Aposematic (11)	Herb, Shrub	Narrow, Wide
<i>P. anactus</i>	<i>Citrus australasica</i> , <i>Citrus australis</i> , <i>Citrus garrawayae</i> , <i>Citrus glauca</i> , <i>Citrus inodora</i> , <i>Geijera parviflora</i> , <i>Citrus</i> (<i>Microcitrus</i>) <i>australis</i> , <i>Citrus</i> (<i>Microcitrus</i>) <i>australasica</i> , <i>Eremocitrus glauca</i> (2, 12)	Aposematic (2, 12, 16)	Shrub, Tree	Narrow, Wide
<i>P. anchisiades</i>	<i>Citrus sinensis</i> , <i>Citrus aurantiaca</i> , <i>Citrus limon</i> , <i>Zanthoxylum setulosum</i> , <i>Zanthoxylum elephantiasis</i> , <i>Zanthoxylum fagara</i> , <i>Zanthoxylum americanum</i> , <i>Zanthoxylum clava-herculis</i> , <i>Zanthoxylum reticulata</i> , <i>Zanthoxylum rhoifolium</i> , <i>Zanthoxylum latispinosum</i> , <i>Choisya dumosa</i> , <i>Ruta graveolens</i> , <i>Esenbeckia leiocarpa</i> , <i>Esenbeckia febrifuga</i> (24)	Bird dropping mimic (8, 11, 17, 24)	Tree, Shrub	Narrow, Wide
<i>P. astyalus</i>	<i>Esenbeckia leiocarpa</i> , <i>Esenbeckia febrifuga</i> , <i>Citrus limon</i> , <i>Citrus sinensis</i> , <i>Citrus reticulata</i> (24)	Bird dropping mimic (24)	Tree, Shrub	Wide

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>P. bianor</i>	<i>Citrus tachibana</i> , <i>Citrus junos</i> , <i>Citrus depressa</i> , <i>Evodia glauca</i> , <i>Orixa japonica</i> , <i>Zanthoxylum ailanthoides</i> , <i>Zanthoxylum shinifolium</i> , <i>Zanthoxylum piperitum</i> , <i>Zanthoxylum alatum</i> (armatum), <i>Zanthoxylum oxyphyllum</i> , <i>Zanthoxylum acanthopodium</i> , <i>Zanthoxylum rhetsa</i> (budrunge), <i>Clausena willdenovii</i> , <i>Phellodendron amurense</i> , <i>Skimmia japonica</i> , <i>Poncirus trifoliata</i> (11), <i>Zanthoxylum nitidum</i> , <i>Euodia lepta</i> , <i>Euodia danielli</i> , <i>Euodia glabrifolia</i> , <i>Citrus microcarpa</i> (13), <i>Rhus hypoleuca</i> (15)	Startle response (1, 11)	Tree, Shrub	Wide
<i>P. birchalli</i>	<i>Hernandia didymanthera</i> (24)	Startle response (24)	Tree	Wide
<i>P. canadensis</i>	<i>Prunus cerasus</i> , <i>Prunus serotina</i> , <i>Prunus pennsylvanica</i> , <i>Prunus virginiana</i> , <i>Prunus persica</i> , <i>Amelanchier canadensis</i> , <i>Crataegus spp</i> , <i>Malus pumila</i> , <i>Sorbus americana</i> , <i>Populus balsamifera</i> , <i>Populus tremuloides</i> , <i>Populus grandidentata</i> , <i>Betula alba</i> , <i>Betula lenta</i> , <i>Betula allegheniensis</i> , <i>Betula papyrifera</i> , <i>Corylus spp</i> , <i>Alnus rugosa</i> , <i>Acer spp</i> , <i>Carya spp</i> , <i>Ulmus spp</i> , <i>Tilia americana</i> , <i>Fraxinus americana</i> , <i>Fraxinus pennsylvanica</i> , <i>Syringa vulgaris</i> (18)	Startle response (18)	Tree, Shrub	Wide
<i>P. clytia</i>	<i>Cinnamomum iners</i> , <i>Litsea sebifera</i> , <i>Litsea glutinosa</i> , <i>Cryptocarya amygdalina</i> (11, 12, 22)	Aposematic (6, 11)	Tree	Wide
<i>P. constantinus</i>	<i>Clausena spp</i> , <i>Teclea spp</i> (25)	Startle response (14)	Tree, Shrub	Wide
<i>P. crespontes</i>	<i>Casimiroa edulis</i> , <i>Ptelea trifoliata</i> , <i>Zanthoxylum setulosum</i> , <i>Zanthoxylum elephantiasis</i> , <i>Zanthoxylum fagara</i> , <i>Zanthoxylum americanum</i> , <i>Zanthoxylum clava-herculis</i> , <i>Amyris elemifera</i> , <i>Citrus sinensis</i> , <i>Citrus limon</i> , <i>Citrus aurantium</i> , <i>Citrus grandis</i> , <i>Zanthoxylum hirsutum</i> , <i>Dictamnus albus</i> , <i>Choisya spp</i> , <i>Piper spp</i> (18, 24)	Bird dropping mimic (24)	Tree, Shrub	Wide
<i>P. dardanus</i>	<i>Teclea simplicifolia</i> , <i>Teclea nobilis</i> , <i>Teclea stuhlmanni</i> , <i>Teclea villosa</i> , <i>Toddalia asiatica</i> , <i>Vespris eugeniifolia</i> (25)	Startle response (16)	Shrub, Tree	Wide
<i>P. delalandei</i>		Startle response (16)		
<i>P. demodocus</i> (Kenya)	<i>Caledendron capensis</i> , <i>Clausena anisata</i> , <i>Clausena inaequalis</i> , <i>Fagaropsis angolensis</i> , <i>Citrus spp</i> , <i>Toddalia asiatica</i> , <i>Pseudospondias microcarpa</i> (25)	Startle response (5, 26)	Tree, Shrub	Wide
<i>P. demodocus</i> (South Africa)	<i>Foeniculum vulgare</i> (26)	Aposematic (26)	Herb	Narrow

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>P. demoleus malayanus</i>	<i>Clausena excavata (lanulata)</i> , <i>Citrus australis</i> , <i>Citrus grandis</i> , <i>Citrus deliciosa</i> , <i>Citrus limon</i> , <i>Zanthoxylum nitidum</i> , <i>Zanthoxylum cuspidata</i> , <i>Aegle marmelos</i> (11).	Startle response (11, 13)	Tree, Shrub	Wide
<i>P. demoleus sthenelus</i>	<i>Cullen australasicum</i> , <i>Cullen badoconum</i> , <i>Cullen balsamicum</i> , <i>Cullen cinereum</i> , <i>Cullen patens</i> , <i>Cullen pustulatum</i> , <i>Cullen tenax</i> , <i>Citrus australis</i> (2)	Aposematic (2)	Shrub, Herb	Narrow, Wide
<i>P. epiphorbas</i>		Startle response (16)		
<i>P. epycides</i>	<i>Cinnamomum camphora</i> (12), <i>Cinnamomum inunctum</i> (28)	Cryptic (11, 12)	Tree	Wide
<i>P. erithonioides</i>				
<i>P. erostratus</i>	<i>Citrus limon</i> , <i>Citrus sinensis</i> , <i>Citrus aurantiaca</i> (24)	Bird dropping mimic (16)	Tree, Shrub	Wide
<i>P. esperanza</i>	<i>Magnolia dealbata</i> (24)	Startle response (24)	Tree	Wide
<i>P. garamas</i>	<i>Persea rufescens</i> , <i>Persea americana</i> , <i>Magnolia dealbata</i> (24)	Startle response (24)	Tree	Wide
<i>P. glaucus</i>	<i>Prunus cerasus</i> , <i>Prunus domestica</i> , <i>Prunus americana</i> , <i>Prunus serotina</i> , <i>Prunus pennsylvanica</i> , <i>Prunus virginiana</i> , <i>Crataegus spp.</i> , <i>Malus pumila</i> , <i>Cydonia oblonga</i> , <i>Populus tremuloides</i> , <i>Populus deltoides</i> , <i>Carpinus caroliniana</i> , <i>Alnus incana</i> , <i>Carya spp.</i> , <i>Catalpa bignonioides</i> , <i>Liriodendron tulipifera</i> , <i>Magnolia acuminata</i> , <i>Magnolia virginiana</i> , <i>Cinnamomum camphora</i> , <i>Lindera benzoin</i> , <i>Sassafras albidum</i> , <i>Fraxinus americana</i> , <i>Fraxinus nigra</i> , <i>Fraxinus caroliniana</i> , <i>Fraxinus pennsylvanica</i> , <i>Syringa vulgaris</i> , <i>Ptelea trifoliata</i> , <i>Zanthoxylum americanum</i> (18)	Startle response (11, 24)	Tree, Shrub	Wide
<i>P. grosesmithi</i>				
<i>P. hectorides</i>	<i>Citrus limon</i> , <i>Citrus sinensis</i> , <i>Citrus reticulata</i> , <i>Zanthoxylum rhoifolium</i> , <i>Euxylophora paraensis</i> , <i>Helietta spp.</i> , <i>Piper amalago</i> , <i>Piper xylosteoides</i> (24)	Bird dropping mimic (24)	Tree, Shrub	Wide

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>P. helenus</i>	<i>Zanthoxylum rhetsa</i> , <i>Zanthoxylum nitidum</i> , <i>Zanthoxylum avicennae</i> , <i>Zanthoxylum ailanthoides</i> , <i>Citrus junos</i> , <i>Citrus natsudaidai</i> , <i>Citrus unshiu</i> , <i>Citrus tachibana</i> , <i>Phellodendron amurense</i> , <i>Evodia glauca</i> , <i>Poncirus trifoliata</i> , <i>Toddalia asiatica</i> , <i>Citrus aurantium</i> , <i>Citrus reticulata</i> , <i>Citrus grandis</i> , <i>Citrus depressa</i> , <i>Zanthoxylum cuspidatum</i> , <i>Zanthoxylum myriacanthum</i> , <i>Zanthoxylum scandens</i> , <i>Atalantia buxifolia</i> , <i>Clausena lansium</i> , <i>Euodia glabrifolia</i> , <i>Glycosmis parviflora</i> (<i>pentaphylla</i>), <i>Citrus limonia</i> (<i>medica</i>), <i>Citrus paradisi</i> , <i>Citrus sinensis</i> , <i>Citrus maxima</i> , <i>Citrus microcarpa</i> , <i>Fortunella japonica</i> , <i>Fortunella hindsii</i> (11, 13)	Startle response (11)	Tree, Shrub	Wide
<i>P. hipponous</i>		Cryptic (16)		
<i>P. hospiton</i>	<i>Ferula communis</i> , <i>Peucedanum paniculatum</i> , <i>Ruta corsica</i> (21)	Aposematic (9)	Herb, Shrub	Narrow
<i>P. indra</i>	<i>Cymopterus purpurea</i> , <i>Cymopterus panamintensis</i> , <i>Aletes acaulis</i> , <i>Harbouria tracypleura</i> , <i>Lomatium lucidum</i> , <i>Lomatium parryi</i> , <i>Lomatium nuttallii</i> , <i>Lomatium eastwoodi</i> , <i>Lomatium marginatum</i> , <i>Lomatium scabrum</i> , <i>Lomatium latilobum</i> , <i>Lomatium junceum</i> , <i>Lomatium grayi</i> , <i>Lomatium triternatum</i> , <i>Lomatium dissectum</i> , <i>Pteryxia hendersonii</i> , <i>Pteryxia petraea</i> , <i>Pteryxia terebinthina</i> , <i>Tauschia parishii</i> , <i>Tauschia arguta</i> , <i>Thamnosma montana</i> (18)	Aposematic (24)	Herb, Shrub	Narrow, Wide
<i>P. lormieri</i>	<i>Zanthoxylum gillettii</i> (Syn: <i>Fagara macrophylla</i>), <i>Citrus spp</i> , <i>Vepris spp</i> , <i>Clausena anisata</i> (27)		Shrub, Tree	Wide
<i>P. maackii</i>	<i>Phellodendron amurense</i> , <i>Zanthoxylum ailanthoides</i> , <i>Evodia glauca</i> , <i>Orixa japonica</i> (11)	Startle response (11)	Tree, Shrub	Wide

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>P. machaon</i>	<i>Foeniculum vulgare</i> , <i>Peucedanum palustre</i> , <i>Peucedanum cervaria</i> , <i>Peucedanum oreoselinum</i> , <i>Peucedanum officinale</i> , <i>Trinia glauca</i> , <i>Laserpitium halleri</i> , <i>Laserpitium latifolium</i> , <i>Angelica sylvestris</i> , <i>Angelica archangelica</i> , <i>Carum carvi</i> , <i>Aegopodium podagraria</i> , <i>Anethum graveolens</i> , <i>Pimpinella saxifraga</i> , <i>Ammi visnaga</i> , <i>Ridolfia segetum</i> , <i>Silaum silaus</i> , <i>Daucus carota</i> , <i>Seseli varium</i> , <i>Seseli libanotis</i> , <i>Bupleurum fruticosum</i> , <i>Bupleurum falcatum</i> , <i>Petroselinum crispum</i> , <i>Crithmum maritimum</i> , <i>Ferula communis</i> , <i>Falcaria vulgaris</i> , <i>Meum athamanticum</i> , <i>Sleinum carvifolia</i> , <i>Levisticum officinale</i> , <i>Heracleum sphondylium</i> , <i>Dictamnus albus</i> , <i>Ruta graveolens</i> , <i>Ruta angustifolia</i> , <i>Ruta chalepensis</i> , <i>Haplophyllum balcanicum</i> , <i>Haplophyllum tuberculatum</i> , <i>Haplophyllum linifolium</i> (21)	Aposematic (11, 21)	Herb, Shrub	Narrow, Wide
<i>P. machaon hippocrates</i>	<i>Angelica archangelica</i> , <i>Daucus carota</i> , <i>Foeniculum vulgare</i> , <i>Heracleum lanatum</i> , <i>Pastinaca sativa</i> (19)	Aposematic (16)	Herb	Narrow, Wide
<i>P. machaon oregonius</i>	<i>Artemisia norvegica</i> , <i>Artemisia dracunculus</i> , <i>Heracleum lanatum</i> , <i>Zizia aptera</i> (18)	Aposematic (24)	Shrub, Herb	Narrow, Wide
<i>P. macilentus</i>	<i>Orixa japonica</i> , <i>Zanthoxylum schinifolium</i> , <i>Zanthoxylum ailanthoides</i> , <i>Zanthoxylum piperitum</i> , <i>Poncirus trifoliata</i> , <i>Ruta graveolens</i> (11)	Startle response (11)	Tree, Shrub, Herb	Narrow, Wide
<i>P. memnon</i>	<i>Paramignya griffithii</i> , <i>Citrus natsudaoidai</i> , <i>Citrus grandis</i> , <i>Citrus sinensis</i> , <i>Citrus unshiu</i> , <i>Citrus junos</i> , <i>Fortunella japonica</i> , <i>Poncirus trifoliata</i> (11)	Startle response (6, 11)	Tree, Shrub	Wide
<i>P. morondavana</i>				
<i>P. multicaudatus</i>	<i>Prunus virginiana</i> , <i>Prunus americana</i> , <i>Prunus emarginata</i> , <i>Prunus cerasus</i> , <i>Prunus capuli</i> , <i>Amelanchier spp</i> , <i>Vauquelinia californica</i> , <i>Fraxinus oregonius</i> , <i>Fraxinus latifolia</i> , <i>Fraxinus anomala</i> , <i>Fraxinus viridis</i> , <i>Fraxinus pennsylvanica</i> , <i>Ligustrum lucidum</i> , <i>Ligustrum vulgare</i> , <i>Ptelea trifoliata</i> , <i>Ptelea baldwinii</i> , <i>Ptelea crenulata</i> , <i>Platanus racemosa</i> (18)	Startle response (24)	Tree, Shrub	Wide
<i>P. nephelus</i>	<i>Zanthoxylum ovalifolium</i> , <i>Zanthoxylum rhetsa</i> , <i>Citrus spp</i> , <i>Toddalia asiatica</i> , <i>Clausena willdenovii</i> , <i>Micromelum minutum</i> , <i>Zanthoxylum ailanthoides</i> , <i>Euodia glauca</i> (11, 13)	Startle response (11)	Tree	Wide
<i>P. nobilis</i>	<i>Warburgia ugandensis</i> (25)	Startle response (3)	Tree	Wide
<i>P. oribazus</i>		Startle response (16)		
<i>P. palamedes</i>	<i>Persea borbonia</i> , <i>Sassafras albidum</i> (18)	Startle response (18)	Tree, Shrub	Wide

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<i>P. paris</i>	<i>Zanthoxylum nitidum</i> , <i>Zanthoxylum armatum</i> , <i>Zanthoxylum ovalifolium</i> , <i>Zanthoxylum avicennae</i> , <i>Evodia merrillii</i> , <i>Evodia roxburghiana</i> , <i>Evodia glauca</i> , <i>Toddalia asiatica</i> , <i>Evodia semecarpifolia</i> , <i>Evodia lepta</i> (11, 13)	Startle response (11)	Tree, Shrub	Wide
<i>P. phorcas</i>	<i>Teclea simplicifolia</i> , <i>Teclea nobilis</i> , <i>Teclea villosa</i> , <i>Citrus</i> spp. (4, 25)		Tree, Shrub	Wide
<i>P. pilumnus</i>	<i>Litsea glaucescens</i> (24)	Startle response (24)	Tree, Shrub	Wide
<i>P. polytes</i>	<i>Glycosmis parviflora</i> (<i>pentaphylla</i>), <i>Glycosmis cochinchinensis</i> , <i>Aegle marmelos</i> , <i>Murraya exotica</i> (<i>paniculata</i>), <i>Murraya koenigii</i> , <i>Triphasia trifolia</i> , <i>Zanthoxylum armatum</i> (<i>alatum</i>), <i>Zanthoxylum nitidum</i> , <i>Zanthoxylum cuspidata</i> , <i>Citrus grandis</i> , <i>Citrus deliciosa</i> , <i>Citrus limon</i> , <i>Toddalia asiatica</i> , <i>Evodia glauca</i> , <i>Clausena excavata</i> , <i>Atalantia spinosa</i> , <i>Poncirus trifoliata</i> (11)	Startle response (1, 11)	Tree, Shrub	Wide
<i>P. polyxenes</i>	<i>Angelica ampla</i> , <i>Angelica atropurpurea</i> , <i>Angelica venenosa</i> , <i>Anethum graveolens</i> , <i>Apium graveolens</i> , <i>Conium maculatum</i> , <i>Daucus pusillus</i> , <i>Daucus carota</i> , <i>Cryptotaenia canadensis</i> , <i>Foeniculum vulgare</i> , <i>Harbouria trachipleura</i> , <i>Heracleum lanatum</i> , <i>Levisticum officinale</i> , <i>Ligusticum scoticum</i> , <i>Berula erecta</i> , <i>Osmorhiza longistylis</i> , <i>Oxypolis canbyi</i> , <i>Pastinaca sativa</i> , <i>Petroselinum crispum</i> , <i>Ptilimnium capillaceum</i> , <i>Carum carvi</i> , <i>Cicuta maculata</i> , <i>Cicuta bulbifera</i> , <i>Cicuta douglasii</i> , <i>Sium suave</i> , <i>Spermolepis divaricata</i> , <i>Taenidia integerrima</i> , <i>Thaspium barbinode</i> , <i>Zizia aurea</i> , <i>Zizia aptera</i> , <i>Cymopterus panamintensis</i> , <i>Tauschia parishii</i> , <i>Tauschia arguta</i> , <i>Thamnosma texana</i> , <i>Thamnosma montana</i> , <i>Ruta graveolens</i> , <i>Dictamnus albus</i> (18)	Aposematic (11, 24)	Herb	Narrow, Wide
<i>P. protenor</i>	<i>Citrus junos</i> , <i>Citrus unshiu</i> , <i>Citrus natsudaidai</i> , <i>Citrus grandis</i> , <i>Citrus limon</i> , <i>Citrus deliciosa</i> , <i>Poncirus trifoliata</i> , <i>Zanthoxylum piperitum</i> , <i>Zanthoxylum beecheyanum</i> , <i>Zanthoxylum nitidum</i> , <i>Zanthoxylum armatum</i> (<i>alatum planispinum</i>), <i>Zanthoxylum acanthopodium</i> , <i>Zanthoxylum oxyphyllum</i> , <i>Zanthoxylum schinifolium</i> , <i>Zanthoxylum ailanthoides</i> , <i>Zanthoxylum cuspidata</i> , <i>Skimmia japonica</i> , <i>Evodia rutaecarpa</i> , <i>Evodia glauca</i> , <i>Fortunella japonica</i> , <i>Toddalia asiatica</i> (11)	Startle response (11)	Tree, Shrub	Wide

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<i>P. rex</i>	<i>Teclea tricarpa</i> , <i>Teclea stuhlmanni</i> , <i>Calodendron</i> spp, <i>Vepris</i> spp (10, 25)		Tree, Shrub	Wide
<i>P. rumanzovia</i>	<i>Citrus</i> spp (11, 22)	Startle response (11)	Tree, Shrub	Wide
<i>P. rutulus</i>	<i>Prunus cerasus</i> , <i>Prunus domestica</i> , <i>Prunus americana</i> , <i>Prunus virginiana</i> , <i>Prunus persica</i> , <i>Prunus emarginata</i> , <i>Prunus ilicifolia</i> , <i>Prunus armeniaca</i> , <i>Prunus caroliniana</i> , <i>Malus pumila</i> , <i>Populus balsamifera</i> , <i>Populus tremuloides</i> , <i>Populus trichocarpa</i> , <i>Populus angustifolia</i> , <i>Salix lasiolepis</i> , <i>Salix lasiandra</i> , <i>Salix scouleriana</i> , <i>Salix exigua</i> , <i>Salix babylonica</i> , <i>Salix hookeriana</i> , <i>Betula papyrifera</i> , <i>Alnus tenuifolia</i> , <i>Alnus viridis</i> , <i>Alnus crispa</i> , <i>Alnus rubra</i> , <i>Acer</i> spp, <i>Carya</i> spp, <i>Ulmus</i> spp, <i>Platanus racemosa</i> , <i>Persea americana</i> , <i>Fraxinus</i> spp, <i>Syringa vulgaris</i> , <i>Ptelea baldwinii</i> (18)	Startle response (18)	Tree, Shrub	Wide
<i>P. scamander</i>	<i>Persea rufescens</i> , <i>Persea americana</i> , <i>Persea rigida</i> , <i>Nectandra</i> spp, <i>Ocotea pretiosa</i> , <i>Cryptocarya aschersoniana</i> , <i>Talauma ovata</i> , <i>Syngonium podophyllum</i> (24)	Startle response (24)	Tree, Shrub, Vine	Wide
<i>P. thoas</i>	<i>Esenbeckia leiocarpa</i> , <i>Esenbeckia febrifuga</i> , <i>Citrus limon</i> , <i>Citrus sinensis</i> , <i>Citrus reticulata</i> , <i>Zanthoxylum setulosum</i> , <i>Zanthoxylum rhoifolium</i> , <i>Zanthoxylum latispinosum</i> , <i>Zanthoxylum elephantiasis</i> , <i>Zanthoxylum fagara</i> , <i>Zanthoxylum americanum</i> , <i>Zanthoxylum clava-herculis</i> , <i>Ruta graveolens</i> , <i>Piper amalago</i> , <i>Piper xylostoides</i> , <i>Piper marginatum</i> , <i>Piper karberi</i> , <i>Piper auritum</i> , <i>Piper tuberculatum</i> , <i>Piper sancti-felicis</i> , <i>Piper reticulatum</i> , <i>Piper multiplinervium</i> , <i>Piper aduncum</i> , <i>Pothomorphe peltata</i> , <i>Syngonium podophyllum</i> , <i>Ptelea</i> spp (18, 24)	Bird dropping mimic (24)	Tree, Shrub, Herb, Vine	Narrow, Wide
<i>P. torquatus</i>	<i>Esenbeckia leiocarpa</i> , <i>Esenbeckia febrifuga</i> , <i>Citrus limon</i> , <i>Citrus sinensis</i> , <i>Euxylophora paraensis</i> (24)	Bird dropping mimic (7, 24)	Tree, Shrub	Wide
<i>P. troilus</i>	<i>Sassafras albidum</i> , <i>Lindera benzoin</i> , <i>Cinnamomum camphora</i> , <i>Persea borbonia</i> , <i>Liriodendron tulipifera</i> , <i>Magnolia virginiana</i> (18)	Startle response (1, 11)	Tree, Shrub	Wide

Species	Host plants	Larval morphology	Host growth form(s)	Host leaf size(s)
<i>P. xuthus</i>	<i>Zanthoxylum nitidum</i> , <i>Zanthoxylum piperitum</i> , <i>Zanthoxylum armatum</i> (planispinum), <i>Zanthoxylum beecheyanum</i> , <i>Zanthoxylum schinifolium</i> , <i>Zanthoxylum ailanthoides</i> , <i>Phellodendron amurense</i> , <i>Evodia glauca</i> , <i>Evodia rutaecarpa</i> , <i>Poncirus trifoliata</i> , <i>Skimmia japonica</i> , <i>Toddalia asiatica</i> , <i>Citrus natsudaikai</i> , <i>Citrus junos</i> , <i>Citrus unshiu</i> , <i>Citrus grandis</i> , <i>Citrus obovoidea</i> , <i>Citrus aurantium</i> , <i>Citrus tamurana</i> , <i>Citrus limon</i> , <i>Aegle sepiario</i> , <i>Citris nobilis</i> (11, 20)	Startle response (11, 24)	Tree, Shrub	Wide
<i>P. zelicaon</i>	<i>Anethum graveolens</i> , <i>Angelica ampla</i> , <i>Angelica arguta</i> , <i>Angelica hendersonii</i> , <i>Angelica kingii</i> , <i>Angelica lineariloba</i> , <i>Angelica tomentosa</i> , <i>Angelica lucida</i> , <i>Apium graveolens</i> , <i>Cicuta maculata</i> , <i>Conioselinum scopulorum</i> , <i>Daucus carota</i> , <i>Daucus pusillus</i> , <i>Conium maculatum</i> , <i>Carum carvi</i> , <i>Foeniculum vulgare</i> , <i>Harbouria trachypleura</i> , <i>Heracleum lanatum</i> , <i>Heracleum sphondylium</i> , <i>Ligusticum porteri</i> , <i>Ligusticum grayi</i> , <i>Lomatium nuttallii</i> , <i>Lomatium californicum</i> , <i>Lomatium dasycarpum</i> , <i>Lomatium utriculatum</i> , <i>Lomatium parryi</i> , <i>Lomatium grayi</i> , <i>Lomatium triternatum</i> , <i>Lomatium marginatum</i> , <i>Lomatium dissectum</i> , <i>Oenanthe sarmentosa</i> , <i>Zizia aptera</i> , <i>Pseudocymopterus montanus</i> , <i>Pimpinella spp</i> , <i>Petroselinum crispum</i> , <i>Pteryxia hendersoni</i> , <i>Pteryxia petraea</i> , <i>Pteryxia terebinthina</i> , <i>Pastinaca sativa</i> , <i>Perideridia bolanderi</i> , <i>Perideridia gairdneri</i> , <i>Perideridia kelloggii</i> , <i>Sphenosciadium capitellatum</i> , <i>Tauschia arguta</i> , <i>Tauschia parishii</i> (18)	Aposematic (18)	Herb	Narrow, Wide
<i>Eurytides marcellus</i>	<i>Oxandra lanceolata</i> , <i>Asimina triloba</i> , <i>Asimina grandiflora</i> (obovata), <i>Asimina pygmaea</i> , <i>Asimina incana</i> (speciosa), <i>Asimina angustifolia</i> (longifolia), <i>Asimina reticulata</i> , <i>Asimina parviflora</i> (24)	Aposematic (24)	Shrub	Wide
<i>Pachliopta neptunus</i>	<i>Thottea borneensis</i> (12)	Aposematic (12)	Shrub	Wide

See text for category details and Table 4 for plant data references (host growth and leaf size).

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