

The following supplement accompanies the article

Chemically mediated foraging by subtidal marine predators: a field test of tritrophic cues

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Supplement 1. Summary of terrestrial studies demonstrating tritrophic interactions that were included in our survey. Studies are arranged alphabetically by the last name of the lead author

Plant species	Herbivore species	Herbivore diet breadth	Predator species	Predation mode	Predator diet breadth	Experimental venue	Source
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Agelopoulos & Keller 1994
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Agrawal et al. 2002
<i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Heterorhabditis indica</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Heterorhabditis indica</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus aurantium</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Heterorhabditis indica</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema carpocapsae</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema carpocapsae</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus aurantium</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema carpocapsae</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema diaprepesi</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema diaprepesi</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus aurantium</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema diaprepesi</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema diaprepesi</i>	parasitoid	unknown	laboratory	Ali et al. 2010
<i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema riobrave</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema riobrave</i>	parasitoid	unknown	laboratory	Ali et al. 2011

<i>Citrus aurantium</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Steinernema riobrave</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Tylenchulus semipenetrans</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus paradisi</i> × <i>Poncirus trifoliata</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Tylenchulus semipenetrans</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Citrus aurantium</i>	<i>Diaprepes abbreviatus</i>	generalist	<i>Tylenchulus semipenetrans</i>	parasitoid	unknown	laboratory	Ali et al. 2011
<i>Solanum lycopersicum</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Ament et al. 2010
<i>Solanum tuberosum</i>	<i>Phthorimaea operculella</i>	specialist	<i>Orius insidiosus</i>	predator	generalist	laboratory	Arab et al. 2007
<i>Citrus aurantium</i>	<i>Toxoptera citricida</i>	specialist	<i>Lysiphlebus testaceipes</i>	parasitoid	generalist	laboratory	Bahadoorsingh & Khan 2006
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	natural assemblage			artificial field	Bernasconi Ockroy et al. 2001
<i>Brassica rapa</i> var <i>rapifera</i>	<i>Lipaphis erysimi</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Blande et al. 2007
<i>Brassica rapa</i> var <i>rapifera</i>	<i>Myzus persicae</i>	generalist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Blande et al. 2007
<i>Galleria mellonella</i>	<i>Otiiorhynchus sulcatus</i>	generalist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	laboratory	Boff et al. 2001
<i>Litsea polyantha</i>	<i>Antheraea assama</i>	unknown	<i>Exorista sorbillans</i>	parasitoid	unknown	laboratory	Bora et al. 2012
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Bruinsma et al. 2010
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Bruinsma et al. 2010
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Bruinsma et al. 2010
<i>Helianthus annuus</i>	<i>Homoeosoma electellum</i>	specialist	natural assemblage			artificial field	Chen & Welter 2005
<i>Helianthus annuus</i>	<i>Homoeosoma electellum</i>	specialist	natural assemblage			natural field	Chen & Welter 2005
<i>Gossypium hirsutum</i>	<i>Spodoptera exigua</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Chen et al. 2008
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	D'Alessandro & Turlings 2005
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Microplitis rufiventris</i>	parasitoid	generalist	laboratory	D'Alessandro & Turlings 2005
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	D'Alessandro et al. 2006
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Microplitis rufiventris</i>	parasitoid	generalist	laboratory	D'Alessandro et al. 2006
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer & Dicke 2004a
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer & Dicke 2004a
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer & Dicke 2004b
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2004
<i>Phaseolus lunatus</i>	<i>Spodoptera exigua</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Cucumis sativus</i>	<i>Spodoptera exigua</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Phaseolus lunatus</i>	<i>Spodoptera exigua</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Cucumis sativus</i>	<i>Spodoptera exigua</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008

<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	de Boer et al. 2008
<i>Nicotiana tabacum</i>	<i>Heliothis virescens</i>	generalist	<i>Cardiochiles nigriceps</i>	parasitoid	specialist	artificial field	De Moraes et al. 1998
<i>Gossypium hirsutum</i>	<i>Heliothis virescens</i>	generalist	<i>Cardiochiles nigriceps</i>	parasitoid	specialist	artificial field	De Moraes et al. 1998
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	laboratory	Degenhardt et al. 2009
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	artificial field	Degenhardt et al. 2009
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Dicke & Dijkman 1992
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Dicke et al. 2003
<i>Solanum lycopersicum</i>	<i>Macrosiphum euphorbiae</i>	generalist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Digilio et al. 2012
<i>Pyrus communis</i>	<i>Psylla pyricola</i>	specialist	<i>Anthocoris spp.</i>	predator	specialist	artificial field	Drukker et al. 1995
<i>Pyrus communis</i>	<i>Psylla pyricola</i>	specialist	<i>Orius spp.</i>	predator	specialist	artificial field	Drukker et al. 1995
<i>Pyrus communis</i>	<i>Cacopsylla pyricola</i>	specialist	<i>Anthocoris nemoralis</i>	predator	specialist	laboratory	Drukker et al. 2000
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Du et al. 1996
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Du et al. 1997
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Du et al. 1998
<i>Mallus sylvestris</i>	<i>Phyllonorycter pomonella</i>	unknown	<i>Pholetesor bicolor</i>	parasitoid	generalist	laboratory	Dutton et al. 2000
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Erb et al. 2010
<i>Solanum mauritianum</i>	<i>Bactrocera cacuminata</i>	specialist	<i>Diachasmimorpha kraussii</i>	parasitoid	generalist	artificial field	Ero & Clarke 2012
<i>Cucurbita pepo</i>	<i>Bactrocera cucumis</i>	specialist	<i>Diachasmimorpha kraussii</i>	parasitoid	generalist	artificial field	Ero & Clarke 2012
<i>Solanum lycopersicum</i>	<i>Bactrocera tryoni</i>	generalist	<i>Diachasmimorpha kraussii</i>	parasitoid	generalist	artificial field	Ero & Clarke 2012
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Fatouros et al. 2005
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Fatouros et al. 2005
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Fatouros et al. 2005
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Fatouros et al. 2005
<i>Brassica napus</i>	<i>Delia radicum</i>	specialist	natural assemblage			artificial field	Ferry et al. 2007
<i>Brassica rapa</i>	<i>Myzus persicae</i>	generalist	<i>Coccinella septempunctata</i>	predator	specialist	laboratory	Girling & Hassall 2008
<i>Brassica juncea</i>	<i>Myzus persicae</i>	generalist	<i>Coccinella septempunctata</i>	predator	specialist	laboratory	Girling & Hassall 2008
<i>Arabidopsis thaliana</i>	<i>Myzus persicae</i>	generalist	<i>Coccinella septempunctata</i>	predator	specialist	laboratory	Girling & Hassall 2008
<i>Arabidopsis thaliana</i>	<i>Myzus persicae</i>	generalist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Girling et al. 2006
<i>Arabidopsis thaliana</i>	<i>Myzus persicae</i>	generalist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Girling et al. 2008

<i>Gerbera jamesonii</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Gols et al. 1999
<i>Brassica nigra</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Gols et al. 2008
<i>Sinapis arvensis</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Gols et al. 2008
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Gols et al. 2011
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Guerrieri et al. 1993
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Guerrieri et al. 1999
<i>Nicotiana attenuata</i>	<i>Manduca sexta</i>	specialist	<i>Geocoris punctipes</i>	predator	generalist	laboratory	Halitschke et al. 2008
<i>Nicotiana attenuata</i>	<i>Manduca sexta</i>	specialist	<i>Geocoris punctipes</i>	predator	generalist	artificial field	Halitschke et al. 2008
<i>Populus nigra</i>	<i>Lymantria dispar</i>	generalist	<i>Glyptapanteles flavicoxis</i>	parasitoid	unknown	laboratory	Havill & Raffa 2000
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis bacteriophora</i>	parasitoid	unknown	artificial field	Hiltpold et al. 2010
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	artificial field	Hiltpold et al. 2010
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Steinernema feltiae</i>	parasitoid	unknown	artificial field	Hiltpold et al. 2010
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	laboratory	Hiltpold et al. 2011
<i>Brassica napus</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Himanen et al. 2009
<i>Brassica napus</i>	<i>Delia radicum</i>	specialist	<i>Aleochara bilineata</i>	parasitoid	specialist	laboratory	Hummel et al. 2009
<i>Triticum aestivum</i>	<i>Delia radicum</i>	specialist	<i>Aleochara bilineata</i>	parasitoid	specialist	laboratory	Hummel et al. 2009
<i>Brassica napus</i>	<i>Delia radicum</i>	specialist	<i>Bembidion quadrimaculatum</i>	predator	generalist	laboratory	Hummel et al. 2009
<i>Triticum aestivum</i>	<i>Delia radicum</i>	specialist	<i>Bembidion quadrimaculatum</i>	predator	generalist	laboratory	Hummel et al. 2009
<i>Zea mays</i>	<i>Mythimna separata</i>	specialist	<i>Pales pavidata</i>	parasitoid	generalist	laboratory	Ichiki et al. 2012
<i>Zea mays</i>	<i>Mythimna separata</i>	specialist	<i>Zenillia dolosa</i>	parasitoid	unknown	laboratory	Ichiki et al. 2012
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Janssen 1999
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	artificial field	Janssen 1999
<i>Brassica napus</i>	<i>Meligethes aenus</i>	specialist	<i>Phradis morionellus</i>	parasitoid	specialist	laboratory	Jonsson & Anderson 2007
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Kappers et al. 2010
<i>Solanum carolinense</i>	<i>Manduca sexta</i>	specialist	natural assemblage			artificial field	Kariyat et al. 2012
<i>Nicotiana attenuata</i>	<i>Epitrix hirtipennis</i>	specialist	<i>Geocoris pallens</i>	predator	generalist	natural field	Kessler & Baldwin 2001
<i>Nicotiana attenuata</i>	<i>Manduca quinquemaculata</i>	specialist	<i>Geocoris pallens</i>	predator	generalist	natural field	Kessler & Baldwin 2001
<i>Nicotiana attenuata</i>	<i>Tupiocoris notatus (Dicyphus minimus)</i>	specialist	<i>Geocoris pallens</i>	predator	generalist	natural field	Kessler & Baldwin 2001
<i>Arabidopsis thaliana</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Kissen et al. 2009
<i>Betula pubescens</i>	<i>Epirrita autumnata</i>	generalist	natural assemblage			natural field	Klemola et al. 2012
<i>Betula pubescens</i>	<i>Operophtera brumata</i>	generalist	natural assemblage			natural field	Klemola et al. 2012
<i>Brassica oleracea</i>	<i>Brevicoryne brassicae</i>	specialist	natural assemblage			artificial field	Kos et al. 2011
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	natural assemblage			artificial field	Kos et al. 2011

<i>Arabidopsis thaliana</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Kos et al. 2013
<i>Arabidopsis thaliana</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Episyrphus balteatus</i>	predator	generalist	laboratory	Kos et al. 2013
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Amblyseius andersoni</i>	predator	generalist	laboratory	Koveos et al. 1995
<i>Brassica rapa</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Kugimiya et al. 2010a
<i>Brassica rapa</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Kugimiya et al. 2010b
<i>Manihot esculenta</i>	<i>Phenacoccus manihoti</i>	specialist	<i>Exochomus flaviventris</i>	predator	unknown	laboratory	Le Rü & Makosso 2001
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Loivamäki et al. 2008
<i>Arabidopsis thaliana</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	Loivamäki et al. 2008
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Diadegma semiclausum</i>	parasitoid	specialist	laboratory	Loivamäki et al. 2008
<i>Arabidopsis thaliana</i>	<i>Plutella xylostella</i>	specialist	<i>Diadegma semiclausum</i>	parasitoid	specialist	laboratory	Loivamäki et al. 2008
rice variety zhe 852	<i>Nilaparvata lugens</i>	specialist	<i>Anagrus nilaparvatae</i>	parasitoid	unknown	laboratory	Lou et al. 2005
<i>Phaseolus vulgaris</i>	<i>Tetranychus urticae</i>	generalist	<i>Amblyseius womersleyi</i>	predator	unknown	laboratory	Maeda et al. 2000
<i>Betula pubescens</i>	<i>Epirrita autumnata</i>	generalist	passerine birds	predator		natural field	Mäntylä et al. 2008
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Margolies et al. 1997
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Mattiacci et al. 1994
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Mattiacci et al. 1995
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Mattiacci et al. 2001
<i>Gossypium hirsutum</i>	<i>Helicoverpa zea</i>	generalist	<i>Microplitis croceipes</i>	parasitoid	specialist	laboratory	McCall et al. 1993
<i>Vigna unguiculata</i>	<i>Helicoverpa zea</i>	generalist	<i>Microplitis croceipes</i>	parasitoid	specialist	laboratory	McCall et al. 1993
<i>Ulmus</i> spp.	<i>Xanthogaleruca luteola</i>	specialist	<i>Oomyzus gallerucae</i>	parasitoid	specialist	laboratory	Meiners et al. 2000
<i>Saccharum officinarum</i>	<i>Diatraea flavipennella</i>	unknown	<i>Cotesia flavipes</i>	parasitoid	unknown	laboratory	Mesquita et al. 2011
<i>Avena sativa</i>	<i>Sitobion avenae</i>	unknown	<i>Aphidius rhopalosiphi</i>	parasitoid	specialist	laboratory	Micha et al. 2000
<i>Triticum aestivum</i>	<i>Sitobion avenae</i>	unknown	<i>Aphidius rhopalosiphi</i>	parasitoid	specialist	laboratory	Micha et al. 2000
<i>Glycine max</i>	<i>Euschistus heros</i>	unknown	<i>Telenomus podisi</i>	parasitoid	generalist	laboratory	Michereff et al. 2011
Soy bean (var. BR16)	<i>Euschistus heros</i>	unknown	<i>Telenomus podisi</i>	parasitoid	generalist	laboratory	Moraes et al. 2008
Cotton DP404	<i>Spodoptera frugiperda</i>	generalist	<i>Trichogramma pretiosum</i>	parasitoid	generalist	laboratory	Moraes et al. 2011
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Mumm et al. 2008
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Mumm et al. 2008
<i>Brassica</i> spp.	<i>Delia radicum</i>	specialist	<i>Trybliographa rapae</i>	parasitoid	specialist	laboratory	Neveu et al. 2002
<i>Hordeum vulgare</i>	<i>Rhopalosiphum padi</i>	specialist	<i>Coccinella septempunctata</i>	predator	specialist	laboratory	Ninkovic et al. 2001
<i>Cucumis sativus</i>	<i>Bemisia tabaci</i>	generalist	<i>Euseius scutalis</i>	predator	generalist	laboratory	Nomikou et al. 2005
<i>Cucumis sativus</i>	<i>Bemisia tabaci</i>	generalist	<i>Typhlodromips swirskii</i>	predator	generalist	laboratory	Nomikou et al. 2005
<i>Gossypium hirsutum</i>	<i>Helicoverpa zea</i>	generalist	<i>Microplitis croceipes</i>	parasitoid	specialist	laboratory	Olson et al. 2008
<i>Gossypium hirsutum</i>	<i>Meloidogyne incognita</i>	generalist	<i>Microplitis croceipes</i>	parasitoid	specialist	laboratory	Olson et al. 2008

<i>Gossypium hirsutum</i>	<i>Spodoptera exigua</i>	generalist	<i>Microplitis croceipes</i>	parasitoid	specialist	laboratory	Olson et al. 2009
<i>Physalis angulata</i>	<i>Heliothis subflexa</i>	specialist	<i>Cardiochiles nigriceps</i>	parasitoid	specialist	artificial field	Oppenheim & Gould 2002
<i>Physalis angulata</i>	<i>Heliothis virescens</i>	generalist	<i>Cardiochiles nigriceps</i>	parasitoid	specialist	artificial field	Oppenheim & Gould 2002
<i>Lotus japonicus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Ozawa et al. 2000
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Ozawa et al. 2012
<i>Centaurea nigra</i>	<i>Uroleucon jaceae</i>	specialist	<i>Aphidius funebris</i>	parasitoid	unknown	laboratory	Pareja et al. 2007
<i>Medicago sativa</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Pareja et al. 2009
<i>Vicia faba</i>	<i>Acyrtosiphon pisum</i>	specialist	<i>Aphidius ervi</i>	parasitoid	specialist	laboratory	Pareja et al. 2009
<i>Zea mays</i>	<i>Spodoptera frugiperda</i>	generalist	<i>Telenomus remus</i>	parasitoid	specialist	laboratory	Peñaflor et al. 2011
<i>Zea mays</i>	<i>Spodoptera frugiperda</i>	generalist	<i>Trichogramma pretiosum</i>	parasitoid	generalist	laboratory	Peñaflor et al. 2011
<i>Brassica rapa</i>	<i>Delia radicum</i>	specialist	<i>Trybliographa rapae</i>	parasitoid	specialist	laboratory	Pierre et al. 2011
<i>Brassica rapa</i>	<i>Delia radicum</i>	specialist	<i>Trybliographa rapae</i>	parasitoid	specialist	artificial field	Pierre et al. 2011
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Pinto et al. 2007b
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Pinto et al. 2007a
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Pinto et al. 2007a
<i>Brassica oleracea</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Pope et al. 2012
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Rasmann & Turlings 2007
<i>Zea mays</i>	<i>Diabrotica virgifera</i>	specialist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	laboratory	Rasmann & Turlings 2007
<i>Triticum aestivum</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Reed et al. 1995
<i>Brassica oleracea</i>	<i>Brevicoryne brassicae</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Reed et al. 1995
<i>Triticum aestivum</i>	<i>Diuraphis noxia</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Reed et al. 1995
<i>Brassica oleracea</i>	<i>Diuraphis noxia</i>	specialist	<i>Diaeretiella rapae</i>	parasitoid	specialist	laboratory	Reed et al. 1995
<i>Lycopersicon esculentum</i>	<i>Macrosiphum euphorbiae</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Rodriguez-Saona et al. 2005
<i>Lycopersicon esculentum</i>	<i>Spodoptera exigua</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Rodriguez-Saona et al. 2005
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Mictoplitis rufiventris</i>	parasitoid	generalist	laboratory	Rostás & Turlings 2008
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Rostás et al. 2006
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Mictoplitis rufiventris</i>	parasitoid	generalist	laboratory	Rostás et al. 2006
Apple leaves	<i>Panonychus ulmi</i>	generalist	<i>Amblyseius potentillae</i>	predator	generalist	laboratory	Sabelis & van de Baan 1983
Apple leaves	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Sabelis & van de Baan 1983
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Scascighini et al. 2005
<i>Brassica napus</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis (C. plutellae)</i>	parasitoid	specialist	laboratory	Schuler et al. 2003
<i>Pyrus communis</i>	<i>Psylla pyricola</i>	specialist	<i>Anthocoris spp.</i>	predator	specialist	laboratory	Scutareanu et al. 1997
<i>Pyrus communis</i>	<i>Psylla pyricola</i>	specialist	<i>Orius spp.</i>	predator	generalist	laboratory	Scutareanu et al. 1997

<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Scolothrips takahashi</i>	predator	specialist	laboratory	Shimoda et al. 1997
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Scolothrips takahashi</i>	predator	specialist	artificial field	Shimoda et al. 1997
<i>Brassica napus</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (formerly <i>C. plutellae</i>)	parasitoid	specialist	laboratory	Shiojiri & Takabayashi 2003
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Shiojiri et al. 2000
<i>Raphanus sativus</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Shiojiri et al. 2000
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (<i>C. plutellae</i>)	parasitoid	specialist	laboratory	Shiojiri et al. 2000
<i>Raphanus sativus</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (<i>C. plutellae</i>)	parasitoid	specialist	laboratory	Shiojiri et al. 2000
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Shiojiri et al. 2001
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (<i>C. plutellae</i>)	parasitoid	specialist	laboratory	Shiojiri et al. 2001
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Shiojiri et al. 2006
<i>Brassica oleracea</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Shiojiri et al. 2010
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (<i>C. plutellae</i>)	parasitoid	specialist	laboratory	Shiojiri et al. 2010
<i>Zea mays</i>	<i>Spodoptera frugiperda</i>	generalist	<i>Camptoclis flavicincta</i>	parasitoid	specialist	laboratory	Signoretti et al. 2012
<i>Brassica nigra</i>	<i>Delia radicum</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Soler et al. 2007
<i>Brassica nigra</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Soler et al. 2007
<i>Manihot spp.</i>	<i>Phenacoccus manihoti</i>	specialist	<i>Apoanagyrus lopezi</i>	parasitoid	unknown	laboratory	Souissi & Ru 1999
<i>Manihot esculenta</i>	<i>Phenacoccus manihoti</i>	specialist	<i>Apoanagyrus lopezi</i>	parasitoid	unknown	laboratory	Souissi 1999
<i>Talinum triangulare</i>	<i>Phenacoccus manihoti</i>	specialist	<i>Apoanagyrus lopezi</i>	parasitoid	unknown	laboratory	Souissi 1999
<i>Manihot spp.</i>	<i>Phenacoccus manihoti</i>	specialist	<i>Apoanagyrus lopezi</i>	parasitoid	unknown	laboratory	Souissi et al. 1998
<i>Brassica oleracea</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia vestalis</i> (<i>C. plutellae</i>)	parasitoid	specialist	laboratory	Staley et al. 2011
<i>Triticum aestivum</i>	<i>Sitophilus granarius</i>	unknown	<i>Lariophagus distinguendus</i>	parasitoid	generalist	laboratory	Steidle et al. 2005
<i>Brassica oleracea</i>	<i>Pieris brassicae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Steinberg et al. 1993
<i>Salix</i> sp.	<i>Phratora vulgatissima</i>	generalist	<i>Anthocoris nemorum</i>	predator	generalist	laboratory	Stenberg et al. 2010
Royal gala apple	<i>Epiphyas postvittana</i>	generalist	<i>Dolichogenidea tasmanica</i>	parasitoid	unknown	laboratory	Suckling et al. 2012
Royal gala apple	<i>Epiphyas postvittana</i>	generalist	<i>Dolichogenidea tasmanica</i>	parasitoid	unknown	artificial field	Suckling et al. 2012
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Takabayashi et al. 1994
<i>Cucumis sativus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Takabayashi et al. 1994
<i>Rorippa indica</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia glomerata</i>	parasitoid	generalist	laboratory	Takabayashi et al. 1998
<i>Zea mays</i>	<i>Pseudaletia separata</i>	generalist	<i>Cotesia kariyai</i>	parasitoid	specialist	laboratory	Takabayashi et al. 1998
<i>Lycopersicon esculentum</i>	<i>Spodoptera exigua</i>	generalist	<i>Hyposoter exiguae</i>	parasitoid	generalist	artificial field	Thaler 1999
<i>Lycopersicon esculentum</i>	<i>Spodoptera exigua</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Thaler et al. 2002
<i>Zea mays</i>	<i>Spodoptera exigua</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Turlings & Tumlinson 1992

<i>Zea mays</i>	<i>Spodoptera exigua</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Turlings et al. 1990
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Turlings et al. 2005
<i>Zea mays</i>	<i>Spodoptera littoralis</i>	generalist	<i>Microplitis rufiventris</i>	parasitoid	generalist	laboratory	Turlings et al. 2005
<i>Zea mays</i>	<i>Ostrinia nubilalis</i>	generalist	<i>Macrocentrus grandii</i>	parasitoid	specialist	laboratory	Udayagiri & Jones 1992
<i>Solanum tuberosum</i>	<i>Ostrinia nubilalis</i>	generalist	<i>Macrocentrus grandii</i>	parasitoid	specialist	laboratory	Udayagiri & Jones 1992
<i>Phaseolus vulgaris</i>	<i>Ostrinia nubilalis</i>	generalist	<i>Macrocentrus grandii</i>	parasitoid	specialist	laboratory	Udayagiri & Jones 1992
<i>Solanum tuberosum</i>	<i>Leptinotarsa decemlineata</i>	specialist	<i>Perillus bioculatus</i>	predator	specialist	laboratory	van Loon et al. 2000
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke & Dicke 2002
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke & Dicke 2003
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke et al. 2001
<i>Arabidopsis thaliana</i>	<i>Pieris rapae</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke et al. 2003
<i>Arabidopsis thaliana</i>	<i>Plutella xylostella</i>	specialist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke et al. 2003
<i>Arabidopsis thaliana</i>	<i>Spodoptera exigua</i>	generalist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke et al. 2003
<i>Arabidopsis thaliana</i>	<i>Tetranychus urticae</i>	generalist	<i>Cotesia rubecula</i>	parasitoid	specialist	laboratory	van Poecke et al. 2003
<i>Thuja occidentalis</i>	<i>Otiorynchus sulcatus</i>	generalist	<i>Heterorhabditis megidis</i>	parasitoid	generalist	laboratory	van Tol et al. 2001
<i>Solanum lycopersicum</i>	<i>Liriomyza huidobrensis</i>	generalist	<i>Opius dissitus</i>	parasitoid	generalist	laboratory	Wei et al. 2011
<i>Solanum lycopersicum</i>	<i>Liriomyza huidobrensis</i>	generalist	<i>Opius dissitus</i>	parasitoid	generalist	laboratory	Wei et al. 2013
<i>Glycine max</i>	<i>Spodoptera frugiperda</i>	generalist	<i>Cotesia marginiventris</i>	parasitoid	generalist	laboratory	Winter & Rostas 2010
<i>Zea mays</i>	<i>Elasmopalpus lignosellus</i>	unknown	<i>Trichogramma pretiosum</i>	parasitoid	generalist	laboratory	Xavier et al. 2011
rice line XS110, XS11	<i>Chilo suppressalis</i>	specialist	<i>Anagrus nilaparvatae</i>	parasitoid	unknown	laboratory	Xiao et al. 2012
rice line XS110, XS12	<i>Nilaparvata lugens</i>	specialist	<i>Anagrus nilaparvatae</i>	parasitoid	unknown	laboratory	Xiao et al. 2012
rice line XS110, XS11	<i>Chilo suppressalis</i>	specialist	natural assemblage			laboratory	Xiao et al. 2012
rice line XS110, XS12	<i>Nilaparvata lugens</i>	specialist	natural assemblage			laboratory	Xiao et al. 2012
<i>Salix eriocarpa</i>	<i>Plagioderia versicolora</i>	specialist	<i>Aiolocaria hexaspilota</i>	predator	specialist	laboratory	Yoneya et al. 2009
<i>Phaseolus lunatus</i>	<i>Tetranychus urticae</i>	generalist	<i>Phytoseilus persimilis</i>	predator	specialist	laboratory	Zhang et al. 2009
<i>Arabidopsis thaliana</i>	<i>Plutella xylostella</i>	specialist	<i>Diadegma semiclausum</i>	parasitoid	specialist	laboratory	Zhang et al. 2013
<i>Zea mays</i>	<i>Anaphothrips obscurus</i>	unknown	<i>Orius majusculus</i>	predator	generalist	laboratory	Zwahlen et al. 2000

Supplement 2. List of references cited in our survey of terrestrial studies demonstrating tritrophic interactions

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