

Table S1. Field trials in Florida: comparison of different types of traps.					
Location	Trap1	Trap2	<i>P</i> -value ^a	Lower 95% Confidence	Upper 95% Confidence Interval ^b
Merritt Island	Sticky card	Cylinder trap ver 1	<0.001*	1.2898	1.5637 [#]
	Sticky card	Cylinder trap ver 2	<0.001*	1.3669	1.6330 [#]
	Sticky card	Stem trap	<0.001*	5.5966	7.9041
	Cylinder trap ver 1	Cylinder trap ver 2	0.274	0.9548	1.1804
	Cylinder trap ver 1	Stem trap	<0.001*	3.9219	5.5923
	Cylinder trap ver 2	Stem trap	<0.001*	3.6906	5.2728
Ocklawaha	Sticky card	Cylinder trap ver 1	<0.001*	1.1854	1.4891 [#]
	Sticky card	Cylinder trap ver 2	<0.001*	1.4235	1.8123 [#]
	Sticky card	Stem trap	<0.001*	5.6331	8.6287
	Cylinder trap ver 1	Cylinder trap ver 2	0.004*	1.0634	1.3743 [#]
	Cylinder trap ver 1	Stem trap	<0.001*	4.2208	6.5236
	Cylinder trap ver 2	Stem trap	<0.001*	3.4786	5.4166
^a <i>P</i> -values with a [*] sign suggest trap means that are significantly different.					
^b Confidence intervals with a [#] sign suggest similar trap means.					

Table S2. Comparison of traps in Pomona field cage experiment.

Trial	<i>F</i> -Statistic	ANOVA <i>P</i> -value	Traps compared	Tukey's HSD <i>P</i> -value
1	4.53	0.0161	Cylindrical traps 1 and 2	0.9687
			Cylindrical trap 1 and stem trap	0.0247
			Cylindrical trap 2 and stem trap	0.0441
2	17.07	<0.001	Cylindrical traps 1 and 2	0.2526
			Cylindrical trap 1 and stem trap	<0.001
			Cylindrical trap 2 and stem trap	<0.001
3	32.92	<0.001	Cylindrical traps 1 and 2	0.6111
			Cylindrical trap 1 and stem trap	<0.001
			Cylindrical trap 2 and stem trap	<0.001
4	65.47	<0.001	Cylindrical traps 1 and 2	0.9188
			Cylindrical trap 1 and stem trap	<0.001
			Cylindrical trap 2 and stem trap	<0.001
5	49.64	<0.001	Cylindrical traps 1 and 2	0.9842
			Cylindrical trap 1 and stem trap	<0.001
			Cylindrical trap 2 and stem trap	<0.001
6	59.79	<0.001	Cylindrical traps 1 and 2	0.7508
			Cylindrical trap 1 and stem trap	<0.001
			Cylindrical trap 2 and stem trap	<0.001

The ANOVA and Tukey's HSD *P*-values compare the means computed for the ACP captured in traps tested at Pomona, CA. Each of the six trials had three trap designs (n=16) and were conducted from May 2018 through April 2019. Each trial was conducted for 28 days inside field cages.

Table S3. Identified Hemiptera (excluding *Diaphorina citri* Kuwayama) collected in early prototype Stem traps in Riverside and Santa Paula, 2016–2017. The table is organized in sections based on Suborder and Infraorder to keep taxonomic groups together.

Superfamily/Family	Genus	species	Author
Auchenorrhyncha/Cicadomorpha			
Membracoidea/Cicadellidae	<i>Ceratagallia</i>	sp.	
Membracoidea/Cicadellidae	<i>Chlorotettix</i>	sp.	
Membracoidea/Cicadellidae	<i>Empoasca</i>	sp.	
Membracoidea/Cicadellidae	<i>Graminella</i>	sp.	
Membracoidea/Cicadellidae	<i>Homalodisca</i>	<i>vitripennis</i>	Germar
Membracoidea/Cicadellidae	<i>Osbornellus</i>	<i>scalaris</i>	(Van Duzee)
Membracoidea/Cicadellidae	<i>Scaphytopus</i>	sp.	
Membracoidea/Cicadellidae	<i>Sophonia</i>	<i>orientalis</i>	(Matsumura)
Auchenorrhyncha/Fulgoroidea			
Fulgoroidea/Cixiidae	<i>Melanoliarus</i>	sp.	
Heteroptera/Cimicomorpha			
Cimicoidea/Anthocoridae	<i>Orius</i>	sp.	
Cimicoidea/Anthocoridae	<i>Orius</i>	<i>tricolor</i>	(White)
Miroidea/Miridae	<i>Lygus</i>	<i>elusus</i>	Van Duzee
Miroidea/Miridae	<i>Rhinacloa</i>	<i>forticornis</i>	Reuter
Miroidea/Thaumastocoridae	<i>Thaumastocoris</i>	<i>peregrinus</i>	Carpintero and Dellapé
Miroidea/Tingidae	<i>Corythucha</i>	sp.	
Heteroptera/Pentatomomorpha			
Coreoidea/Rhopalidae	<i>Liorhyssus</i>	<i>hyalinus</i>	(Fabricius)
Lygaeoidea/Geocoridae	<i>Geocoris</i>	sp.	
Lygaeoidea/Lygaeidae	<i>Nysius</i>	<i>raphanus</i>	Howard
Lygaeoidea/Lygaeidae	<i>Nysius</i>	<i>tenellus</i>	Barber
Lygaeoidea/Lygaeidae	<i>Xyonysius</i>	sp.	
Lygaeoidea/Ninidae	<i>Cymoninus</i>	sp.	
Pentatomoidea/Pentatomidae	<i>Holcostethus</i>	<i>approximatus</i>	Parshley
Sternorrhyncha			
Aphidoidea/Aphididae	<i>Acyrtosiphon</i>	<i>lactucae</i>	(Passerini)
Aphidoidea/Aphididae	<i>Aphis</i>	<i>coreopsidis</i>	(Thomas)
Aphidoidea/Aphididae	<i>Aphis</i>	<i>craccivora</i>	Koch
Aphidoidea/Aphididae	<i>Aphis</i>	<i>eugeniae</i> (?)	van der Goot
Aphidoidea/Aphididae	<i>Aphis</i>	<i>fabae</i>	Scopoli
Aphidoidea/Aphididae	<i>Aphis</i>	<i>gossypii</i>	Glover
Aphidoidea/Aphididae	<i>Aphis</i>	<i>spiraecola</i>	Patch
Aphidoidea/Aphididae	<i>Aphis</i>	sp.	

Aphidoidea/Aphididae	<i>Brevicoryne</i>	<i>brassicae</i>	(Linnaeus)
Aphidoidea/Aphididae	<i>Diuraphis</i>	<i>noxia</i>	(Mordvilko)
Aphidoidea/Aphididae	<i>Dysaphis</i>	sp.	
Aphidoidea/Aphididae	<i>Eulachnus</i>	sp.	
Aphidoidea/Aphididae	<i>Greenidea</i>	<i>ficicola</i>	Takahashi
Aphidoidea/Aphididae	<i>Greenidea</i>	<i>psidii</i>	van der Goot
Aphidoidea/Aphididae	<i>Hyperomyzus</i>	<i>carduellinus</i>	(Theobald)
Aphidoidea/Aphididae	<i>Lipaphis</i>	<i>pseudobrassicae</i>	(Davis)
Aphidoidea/Aphididae	<i>Myzus</i>	<i>persicae</i>	(Sulzer)
Aphidoidea/Aphididae	<i>Nearctaphis</i>	sp.	
Aphidoidea/Aphididae	<i>Rhopalosiphum</i>	<i>maidis</i>	(Fitch)
Aphidoidea/Aphididae	<i>Rhopalosiphum</i>	<i>padi</i>	(Linnaeus)
Aphidoidea/Aphididae	<i>Rhopalosiphum</i>	<i>rufiabdominale</i>	(Sasaki)
Aphidoidea/Aphididae	<i>Sarucallis</i>	<i>kahawaluokalani</i>	(Kirkaldy)
Aphidoidea/Aphididae	<i>Shivaphis</i>	<i>celti</i>	Das
Aphidoidea/Aphididae	<i>Tetraneura</i>	sp.	
Psylloidea/Aphalaridae	<i>Ctenarytaina</i>	<i>spatulata</i>	Taylor
Psylloidea/Aphalaridae	<i>Glycaspis</i>	<i>brimblecombei</i>	Moore
Psylloidea/Calophyidae	<i>Calophya</i>	<i>schini</i>	Tuthill
Psylloidea/Calophyidae	<i>Calophya</i>	sp.	
Psylloidea/Psyllidae	<i>Acizzia</i>	<i>uncatoides</i>	(Ferris and Klyver)
Psylloidea/Psyllidae	<i>Acizzia</i>	sp.	
Psylloidea/Trioziidae	<i>Bactericera</i>	<i>maculipennis</i>	(Crawford)
Psylloidea	unknown		

Table S4. Identified Hemiptera (excluding *Diaphorina citri* Kuwayama) collected in cylinder traps deployed in Temecula, CA, 2019–2020. The table is organized in sections based on Suborder and Infraorder to keep taxonomic groups together.

Superfamily/Family	Genus	species	author
Auchenorrhyncha/Cicadomorpha			
Cercopoidea/Clastopteridae	<i>Clastoptera</i>	sp.	
Membracoidea/Cicadellidae	<i>Agalliopsis</i>	<i>variabilis</i>	Oman
Membracoidea/Cicadellidae	<i>Alconeura</i>	sp.	
Membracoidea/Cicadellidae	<i>Baldulus</i>	sp.	
Membracoidea/Cicadellidae	<i>Aceratagallia</i>	<i>californica</i>	(Baker)
Membracoidea/Cicadellidae	<i>Aceratagallia</i>	<i>longula</i>	(Van Duzee)
Membracoidea/Cicadellidae	<i>Empoasca</i>	sp.	
Membracoidea/Cicadellidae	<i>Graminella</i>	sp.	
Membracoidea/Cicadellidae	<i>Graphocephala</i>	sp.	
Membracoidea/Cicadellidae	<i>Homalodisca</i>	<i>vitripennis</i>	Germar
Membracoidea/Cicadellidae	<i>Macrosteles</i>	sp.	
Membracoidea/Cicadellidae	<i>Osbornellus</i>	sp.	
Membracoidea/Cicadellidae	<i>Scaphytopius</i>	sp.	
Membracoidea/Cicadellidae	<i>Sophonia</i>	<i>orientalis</i>	(Matsumura)
Auchenorrhyncha/Fulgomorpha			
Fulgoroidea/Delphacidae	<i>Peregrinus</i>	<i>maidis</i>	(Ashmead)
Heteroptera/Cimicomorpha			
Miroidea/Miridae	<i>Rhinacloa</i>	<i>forticornis</i>	Reuter
Miroidea/Tingidae	<i>Corythucha</i>	sp.	
Heteroptera/Pentatomomorpha			
Lygaeoidea/Geocoridae	<i>Geocoris</i>	sp.	
Lygaeoidea/Lygaeidae	<i>Nysius</i>	<i>raphanus</i>	Howard
Sternorrhyncha			
Aphidoidea/Aphididae	<i>Aphis</i>	<i>gossypii</i>	Glover
Aphidoidea/Aphididae	<i>Protaphis</i>	<i>middletonii</i>	(Thomas)
Aphidoidea/Aphididae	<i>Aphis</i>	<i>spiraecola</i>	Patch
Aphidoidea/Aphididae	<i>Aphis</i>	sp.	
Aphidoidea/Aphididae	<i>Brachycaudus</i>	sp.	
Aphidoidea/Aphididae	<i>Hyalopterus</i>	<i>pruni</i>	(Geoffroy)
Aphidoidea/Aphididae	<i>Hysteroneura</i>	<i>setariae</i>	(Thomas)
Aphidoidea/Aphididae	<i>Lipaphis</i>	<i>pseudobrassicae</i>	(Davis)
Aphidoidea/Aphididae	<i>Myzus</i>	<i>persicae</i>	(Sulzer)
Aphidoidea/Aphididae	<i>Rhopalosiphum</i>	<i>maidis</i>	(Fitch)
Aphidoidea/Aphididae	<i>Sarucallis</i>	<i>kahawaluokalani</i>	(Kirkaldy)
Aphidoidea/Aphididae	<i>Sipha</i>	<i>maydis</i>	Passerini
Aphidoidea/Aphididae	<i>Uroleucon</i>	sp.	
Psylloidea/Aphalaridae	<i>Blastopsylla</i>	<i>occidentalis</i>	Taylor
Psylloidea/Aphalaridae	<i>Glycaspis</i>	<i>brimblecombei</i>	Moore
Psylloidea/Psyllidae	<i>Acizzia</i>	sp.	

Psylloidea/Psyllidae	<i>Cacopsylla</i>	sp.	
Psylloidea/Trioziidae	<i>Bactericera</i>	<i>cockerelli</i>	(Šulc)
Psylloidea/Trioziidae	<i>Trioza</i>	sp.	