

Table S1. List of specimens used in the phylogenetic analysis, their geographic origin (if provided), GenBank accession numbers, and the sources for the sequences downloaded from GenBank.

Infraorder	Superfamily	Family	Species/subspecies	Geographic origin (year collected, if originally provided)	GenBank accession numbers for 18S rDNA	Source
Ingroup						
Cimicomorpha	Miroidea	Tingidae: Tinginae	<i>Acalypta miyamotoi</i> Takeya, 1962	Japan (2011)	OR022068	present study
			<i>Acalypta sauteri</i> Drake, 1942	Japan (2011)	OR022069	present study
			<i>Copium clavicorne</i> (Linnaeus, 1758)	Ukraine (2010)	OR022071	present study
			<i>Corythucha ciliata</i> (Say, 1832)	China	KJ461201	[45]
			<i>Derephysia foliacea</i> (Fallén, 1807)	Poland (2010)	OR022072	present study
			<i>Dictyonota strichnocera</i> Fieber, 1844	Slovakia (2011)	OR022074	present study
			<i>Dictyla humuli</i> (Fabiricius, 1794)	Poland (2010)	OR022073	present study
			<i>Kalama tricornis</i> (Schränk, 1801)	Poland (2008)	OR022075	present study
			<i>Lasiacantha capucina capucina</i> (Germar, 1837)	Poland (2010)	OR022076	present study
			<i>Metasalis populi</i> (Takeya, 1932)	China	KJ461270	[45]
			<i>Nobarnus signatus</i> (Distant, 1920)	New Caledonia (2008)	OR022077	present study
			<i>Oncochila scapularis</i> (Fieber, 1844)	Poland (2010)	OR022078	present study
			<i>Physatocheila fieberi</i> (Scott, 1874)	Japan (2011)	OR022079	present study
			<i>Pseudacysta perseae</i> (Heidemmann, 1908)	French Guiana	KM278220	[direct submission to GenBank, unpublished]
			<i>Stephanitis nashi nashi</i> Esaki & Takeya, 1931	Japan (2011)	OR022081	present study
			<i>Stephanitis takeyai</i> Drake & Maa, 1955	Japan (2011)	OR022082	present study
			<i>Tingis matsumurai</i> Takeya, 1962	Japan (2011)	OR022083	present study
		Tingidae: Cantacaderinae	<i>Cantacader lethierryi</i> Scott, 1874	Japan (2011)	OR022070	present study
			<i>Pseudophatnoma laosana</i> B. Lis, 1999	Thailand (2013)	OR022080	present study
Outgroup						
Cimicomorpha	Miroidea	Miridae	<i>Adelphocoris lineolatus</i> (Goeze, 1778)	China	KJ461200	[45]
			<i>Lygus hesperus</i> Knight, 1917	USA (1993)	U06476	[46]
	Naboidea	Nabidae	<i>Nabis sinicus</i> (Hsiao, 1964)	China	KJ461288	[45]