

**Supplementary Material I.** Aggregated (Agg.), regular (Reg.), or random (Ran.) distribution (Dist.) of the loss sources on 48 *Sapindus saponaria* (Sapindaceae) saplings

Loss Sources	Chi-square test			
	Var.*	Mean	P	Dist.
Aca.: Tetranychidae, <i>Tetranychus</i> sp.	2679.14	15.41	0.00	Agg.
Blat.: Termitidae, <i>Nasutitermes</i> sp. <sup>ε</sup>	378.79	6.09	0.00	Agg.
Col.: Chrysomelidae, <i>Alagoasa</i> sp.	0.10	0.11	0.64	Ran.
<i>Cerotoma</i> sp.	0.08	0.09	0.60	Ran.
<i>Charidotis</i> sp.	0.21	0.09	0.00	Agg.
<i>Diabrotica speciosa</i> Germar, 1824	0.04	0.04	0.51	Ran.
<i>Eumolpus</i> sp.	0.04	0.04	0.51	Ran.
<i>Lamprosoma</i> sp.	0.04	0.04	0.51	Ran.
<i>Parasyphraea</i> sp.	0.02	0.02	0.47	Ran.
<i>Stereoma anchoralis</i> Lacordaire, 1848	0.23	0.11	0.00	Agg.
<i>Walterianela</i> sp.	0.09	0.04	0.00	Agg.
<i>Wanderbiltiana</i> sp.	0.02	0.02	0.47	Ran.
Curculionidae	0.06	0.07	0.56	Ran.
<i>Lordops</i> sp.	0.06	0.07	0.56	Ran.
Tenebrionidae, <i>Epitragus</i> sp.	0.04	0.04	0.51	Ran.
Dip.: Agromyzidae, <i>Liriomyza</i> sp.	240.78	10.39	0.00	Agg.
Otittidae, <i>Euxesta</i> sp.	0.06	0.07	0.56	Ran.
Tephritidae: <i>Anastrepha</i> sp.	0.08	0.09	0.60	Ran.
Hem.: Aethalionidae, <i>Aethalion reticulatum</i> L., 1767	2.19	0.24	0.00	Agg.
Aleyrodidae, <i>Bemisia</i> sp.	5468.83	50.72	0.00	Agg.
Cicadellidae, <i>Balclutha hebe</i> Kirkaldy, 1906	0.35	0.22	0.01	Agg.
Cicadidae, <i>Quesada gigas</i> Oliver, 1854	0.04	0.04	0.51	Ran.
Fulgoridae	2.20	0.41	0.00	Agg.
Pentatomidae	0.12	0.13	0.68	Ran.
Pseudococcidae, <i>Phenacoccus</i> sp.	10.68	0.65	0.00	Agg.
Scutelleridae, <i>Pachycoris torridus</i> Scopoli, 1772	0.02	0.02	0.47	Ran.
Hym.: Apidae, <i>Trigona spinipes</i> Fabr., 1793	0.54	0.11	0.00	Agg.
Lep.	0.04	0.04	0.51	Ran.
Orth.: Gryllidae	0.02	0.02	0.47	Ran.
Proscopiidae, <i>Cephalocoema</i> sp.	0.02	0.02	0.47	Ran.
Romaleidae, <i>Tropidacris collaris</i> Stoll., 1813	0.42	0.37	0.26	Ran.
<b>Tettigoniidae, Phaneropterinae</b>	1.48	1.11	0.07	Ran.

\*= variance. <sup>ε</sup>=observed on trunks.