Table S2. Title and description of nodes used in Bayesian network models of *Hylurgus ligniperda*, *H. ater* and *Arhopalus ferus* flight activity. N/A = the node does not pertain to the species model.

Node title	Node description	States		
		Hylurgus ligniperda	*Hylastes ater*	*Arhopalus ferus*
Flight	The occurrence of flight during that hour.	Yes No	Yes No	Yes No
Day of year	The day of the year was expressed as a decimal (001-366). Because the sampling occurred across three discontinuous periods we incorporate the day of the year as a measure of the time of year to indicate if there are seasonal differences to the flight activity.	<344 >=344	<41 >=41	<14 >14 to 41 >41 to 325 >=325
Maximum temperature (C)	The maximum temperature recorded during the hour. Measurements during the hour were taken every minute.	<12.3 >12.3 to 14.6 >14.6 to 17.5 >=17.5	<14.0 >14.0	<12.6 >=12.6
Photon flux density (µmol photons $m^{-2}s^{-1}$)	Measure of the average photons in the 400-700nm range per square metre per second during the sampling hour. The average is of observations taken every minute.	<0.1 >0.1 to 565 >565 to 1704 >1704	N/A	<0.23 >=0.23
Rainfall (mm/hr)	Cumulative rainfall across the sampling hour.	<0.1 >=0.1	N/A	N/A
Relative humidity (%)	The average relative humidity calculated from minute observations during the hour	<82 >82 to 93 >=93	N/A	N/A
Temperature range (C)	The range (in °C) between the maximum and minimum temperatures recorded during the sampling hour. Measurements during the hour were taken every minute.	<0.91 >=0.91	<0.90 >=0.90	<1.1 >=1.1
Time since sunrise (mins)	The time in minutes since sunrise as measured from the start of the sampling hour. For example, if sunrise was at 5:50am, the trap hour beginning at 6am would have a value of -10 minutes, however the 5am trap hour would have a value of 50 minutes.	<19 >19 to 375 >375 to 891 >=891	<33 >33 to 289 >289 to 735 >735 to 952 >=952	N/A
Time since sunset (mins)	The time in minutes since sunset as measured from the start of the sampling hour. For example, if sunset was at 8:30pm, the trap hour beginning at 8pm would have a value of -30 minutes, however the 9pm trap hour would have a value of 30 minutes.	<11 >11 to 498 >498 to 589 >=589	<-47 >-47 to 1221 >=1221	<-20 >-20 to 6 >6 to 40 >40 to 65 >65 to 191 >191 to 373 >373
Wind speed (m-1s-1)	Average wind speed during the hour, calculated from minute observations.	<0.9 >0.9 to 4.1 >=4.1	<3.3 >=3.3	<4.2 >=4.2