

## Supporting Information for

### Increasing efficiency and reducing bias in the detection of seed-dispersal interactions based on mist-netted birds

**Table S1.** Fleshy-fruited species dispersed in the study system by captured birds. The table shows their occurrence as interaction events and proportion of seeds sampled. Note that a single interaction event between a captured bird and a fleshy fruited species can be sampled both, on the mesh and inside the cloth bag ( $n_{both}$ ), because seeds of the plant species can be found in both sites. Interaction events and seeds detected only on the mesh ( $n_{only\ mesh}$ ,  $n_{mesh}$ ) correspond to those probably unsampled without using the mesh band below mist nets.

| Fleshy-fruited species      | Interaction events      |                        |                   |             | Seeds             |                  |             |
|-----------------------------|-------------------------|------------------------|-------------------|-------------|-------------------|------------------|-------------|
|                             | $n_{only\ mesh}$<br>(%) | $n_{only\ bag}$<br>(%) | $n_{both}$<br>(%) | $n_{total}$ | $n_{mesh}$<br>(%) | $n_{bag}$<br>(%) | $n_{total}$ |
| <i>Cornus sanguinea</i>     | 5 (50.0)                | 3 (30.0)               | 2 (20.0)          | 10          | 17 (73.9)         | 6 (26.1)         | 23          |
| <i>Crataegus monogyna</i>   | 1 (100.0)               | 0 (0.0)                | 0 (0.0)           | 1           | 1 (100.0)         | 0 (0.0)          | 1           |
| <i>Euonymus europaeus</i>   | 7 (77.8)                | 2 (22.2)               | 0 (0.0)           | 9           | 19 (76.0)         | 6 (24.0)         | 25          |
| <i>Ficus carica</i>         | 1 (20.0)                | 4 (80.0)               | 0 (0.0)           | 5           | 4 (13.3)          | 26 (86.7)        | 30          |
| <i>Hedera helix</i>         | 11 (44.0)               | 6 (24.0)               | 8 (32.0)          | 25          | 67 (69.8)         | 29 (30.2)        | 96          |
| <i>Ilex aquifolium</i>      | 0 (0.0)                 | 1 (33.3)               | 2 (66.7)          | 3           | 4 (23.5)          | 13 (76.5)        | 17          |
| <i>Laurus nobilis</i>       | 1 (14.3)                | 6 (85.7)               | 0 (0.0)           | 7           | 1 (12.5)          | 7 (87.5)         | 8           |
| <i>Lonicera</i> sp.         | 1 (50.0)                | 1 (50.3)               | 0 (0.0)           | 2           | 4 (57.1)          | 3 (42.9)         | 7           |
| <i>Phytolacca americana</i> | 1 (50.0)                | 0 (0.0)                | 1 (50.0)          | 2           | 6 (85.7)          | 1 (14.3)         | 7           |
| <i>Prunus avium</i>         | 1 (100.0)               | 0 (0.0)                | 0 (0.0)           | 1           | 1 (100.0)         | 0 (0.0)          | 1           |
| <i>Rhamnus alaternus</i>    | 1 (16.7)                | 0 (0.0)                | 5 (83.3)          | 6           | 33 (80.5)         | 8 (19.5)         | 41          |
| <i>Rosa canina</i>          | 1 (50.0)                | 0 (0.0)                | 1 (50.0)          | 2           | 2 (33.3)          | 4 (66.7)         | 6           |
| <i>Rubus fruticosus</i>     | 18 (50.0)               | 9 (25.0)               | 9 (25.0)          | 36          | 317 (83.4)        | 63 (16.6)        | 380         |
| <i>Sambucus nigra</i>       | 7 (41.2)                | 5 (29.4)               | 5 (29.4)          | 17          | 173 (81.6)        | 39 (18.4)        | 212         |
| <i>Smilax aspera</i>        | 5 (55.6)                | 3 (33.3)               | 1 (11.1)          | 9           | 14 (77.8)         | 4 (22.2)         | 18          |
| <i>Solanum dulcamara</i>    | 1 (50.0)                | 1 (50.0)               | 0 (0.0)           | 2           | 27 (77.1)         | 8 (22.9)         | 35          |
| <i>Tamus communis</i>       | 1 (100.0)               | 0 (0.0)                | 0 (0.0)           | 1           | 3 (100.0)         | 0 (0.0)          | 3           |
| Total                       | 63 (45.7)               | 41 (29.7)              | 34 (24.6)         | 138         | 693 (76.2)        | 217 (23.8)       | 910         |