**Table S1 –** Home range size and dispersal distance values for all species on which data was collected.

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Mean Home Range Size (ha) | Maximum Dispersal Distance (m) | References |
| *Akodon cursor* | - | 335 | Pires et al. (2002) |
| *Ara severa* | - | 425 | Lees and Peres (2009) |
| *Aratinga leucophthalmus* | - | 425 | Lees and Peres (2009) |
| Arremon flavirostris | - | 650 | Marini (2010) |
| h | - | 150 | Marini (2010) |
| *Basileuterus culicivorus* | - | 54 | Awade and Metzger (2008) |
| Basileuterus flaveolus | 2.0 | 150 | Duca and Marini (2005); Marini (2010) |
| Basileuterus hypoleucus | - | 150 | Marini (2010) |
| *Batara cinerea* | - | 60 | Uezu et al. (2005) |
| Caluromys philander | 4.3 | 60 |  Lira et al. (2007); Viveiros de Castro and Fernandez (2004)  |
| *Campylorhynchus turdinus* | - | 75 | Lees and Peres (2009) |
| Chiroxiphia caudata | 4.6 | 650 | Hansbauer et al. (2008); Marini (2010) |
| Cnemotriccus fuscatus | - | 100 | Marini (2010) |
| *Conopophaga lineata* | - | 12 | de Oliveira et al. (2011) |
| *Dryocopus lineatus* | - | 425 | Lees and Peres (2009) |
| Dysithamnus mentalis | 0.7 | 650 | Duca et al. (2006); Marini (2010) |
| Euglossa cordata | - | 1340 | Tonhasca Jr et al. (2003) |
| Euglossa sapphirina | - | 1340 | Tonhasca Jr et al. (2003) |
| Euglossa securigera | - | 440 | Tonhasca Jr et al. (2003) |
| Eulaema nigrita | - | 440 | Tonhasca Jr et al. (2003) |
| *Formicarius colma* | 7.0 | 50 | Johnson et al. (2011); Laurance and Gomez (2005); Stouffer (2007) |
| *Geotrygon montana* | - | 30 | Laurance et al. (2004) |
| *Glyphorynchus spirurus* | 5.2 | 30 | Johnson et al. (2011); Laurance et al. (2004) |
| Ilicura militaris | - | 150 | Marini (2010) |
| Lathrotriccus euleri | - | 650 | Marini (2010) |
| Leptopogon amaurocephalus | - | 200 | Marini (2010) |
| *Micoureus demerarae* | 1.4 | 800 | Lira et al. (2007); Pires et al. (2002); Pires et al. (1999); Pires and Fernandez (1999); Junior and Chiarello (2005) |
| Micoureus paraguayanus | - | 100 | Forero-Medina and Vieira (2008) |
| Mionectes rufiventris | - | 150 | Marini (2010) |
| *Myiobius barbatus* | - | 30 | Laurance et al. (2004) |
| *Myrmotherula axillaris* | 8.9 | 30  | Johnson et al. (2011); Laurance et al. (2004) |
| *Phaethornis ruber* | - | 425 | Lees and Peres (2009) |
| Philander frenatus | 2.8 | 1050 | Lira et al. (2007); Prevedello et al. (2009) |
| Phylloscartes ventralis | - | 150 | Marini (2010) |
| *Piaya cayana* | - | 75 | Lees and Peres (2009) |
| *Pionus menstruus* | - | 425 | Lees and Peres (2009) |
| *Pipra pipra* | - | 30 | Laurance et al. (2004) |
| Platyrinchus mystaceus | - | 650 | Marini (2010) |
| *Popelairia langsdorffi* | - | 7 | Lees and Peres (2009) |
| *Pyriglena leucoptera* | 8.1 | 60 | Duca et al. (2006); Hansbauer et al. (2008); Uezu et al. (2005) |
| Sclerurus scansor | 7.2 | 150 | Hansbauer et al. (2008); Marini (2010) |
| Sittasomus griseicapillus | 36.7 | 200 |  Johnson et al. (2011); Marini (2010) |
| Tachyphonus coronatus | - | 150 | Marini (2010) |
| *Tachyphonus cristatus* | 8.2 | 30 | Johnson et al. (2011); Laurance et al. (2004) |
| *Thamnomanes caesius* | 10.6 | 50 | Johnson et al. (2011); Laurance and Gomez (2005) |
| *Thamnophilus aethiops* | - | 7 | Lees and Peres (2009) |
| *Thamnophilus caerulescens* | 1.0 | 60 | Awade and Metzger (2008); Duca et al. (2006)  |
| Tolmomyias sulphurescens | - | 50 | Marini (2010) |
| Trichothraupis melanops | - | 650 | Marini (2010) |
| *Trogon surrucura* | - | 10 | Uezu et al. (2005) |
| *Trogon viridis* | 17.5 | 12 | Johnson et al. (2011); Lees and Peres (2009) |
| *Turdus albicollis* | 27.3 | 30 | Johnson et al. (2011); Laurance et al. (2004) |
| *Xiphorhynchus fuscus* | - | 145 | Boscolo et al. (2008) |
| *Xiphorhynchus guttatus* | - | 12 | Lees and Peres (2009) |

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