

**S1 Appendix. Details of the 761 scat swabs with confirmed species identity.** For the 727 felid samples and 34 bush dog samples, the location and zone (North-Central) are summed by species. For protected areas, the total area is reported in parentheses.

| <b>Location</b>                                              | <b>Zone</b> | <b>Jaguar</b> | <b>Puma</b> | <b>Ocelot</b> | <b>Oncilla</b> | <b>Bush dog</b> |
|--------------------------------------------------------------|-------------|---------------|-------------|---------------|----------------|-----------------|
| Ejército Argentino (6,951 ha)                                | N           | 2             | 2           | ---           | 6              | 2               |
| Parque Nacional Iguazú (54,380 ha)                           | N           | 24            | 13          | 27            | ---            | ---             |
| Parque Provincial (P.P.) Guardaparque H. Foerster (4,309 ha) | N           | ---           | ---         | 6             | 6              | 1               |
| P.P. Puerto Península (6,900 ha)                             | N           | 9             | 4           | 3             | 52             | 5               |
| P.P. Urugua-í (84,000 ha)                                    | N           | 13            | 9           | 17            | 37             | ---             |
| Refugio Privado Aguaráí-mi (3,050 ha)                        | N           | ---           | ---         | ---           | 7              | ---             |
| Reserva Nacional Iguazú (12,620 ha)                          | N           | ---           | ---         | ---           | 3              | ---             |
| Reserva Natural Privada Yate-í (15 ha)                       | N           | ---           | ---         | ---           | 7              | ---             |
| Reserva Privada Karadya (90 ha)                              | N           | ---           | ---         | ---           | 4              | ---             |
| Reserva San Jorge (21,163 ha)                                | N           | 5             | 3           | 5             | 22             | 1               |
| Reserva Yacutinga (539 ha)                                   | N           | ---           | ---         | 11            | ---            | ---             |
| P.P. Araucaria (92 ha)                                       | C           | ---           | ---         | ---           | 1              | ---             |
| P.P. Cruce Caballero (522 ha)                                | C           | ---           | 2           | 1             | 2              | ---             |

|                                                                      |   |           |           |            |            |           |
|----------------------------------------------------------------------|---|-----------|-----------|------------|------------|-----------|
| Valle del Arroyo Alegría (8,000 ha)                                  | C | ---       | 1         | ---        | 39         | 1         |
| P.P. Cruce Caballero (522 ha) & Valle del Arroyo Alegría (8,000 ha)  | C | ---       | ---       | ---        | 2          | ---       |
| P.P. Esmeralda (31,569 ha) & Reserva de Biósfera Yabotí (236,313 ha) | C | 2         | 5         | 16         | 43         | 3         |
| P.P. Piñalito (3,796 ha)                                             | C | ---       | ---       | ---        | 9          | 3         |
| Reserva Privada Yaguaroundí (400 ha)                                 | C | ---       | ---       | ---        | 4          | ---       |
| outside protected areas                                              | N | 8         | 9         | 22         | 106        | 17        |
| outside protected areas                                              | C | ---       | 11        | 3          | 144        | 1         |
|                                                                      |   | <b>63</b> | <b>59</b> | <b>111</b> | <b>494</b> | <b>34</b> |