

## Appendix S2

Revised maps for the 41 studied pitviper taxa (*Bothrops* and *Bothrocophias*)

### **Phylogenetic diversity, habitat loss and conservation in South American pitvipers (Crotalinae: *Bothrops* and *Bothrocophias*)**

Maps were produced based on the revision and georeferencing of voucher-based locality records, resulting in a final point locality database with 12,065 verified entries, yielding 2,407 unique records. This dataset is based on specimens examined in herpetological collections and the compilation of taxonomic literature presence data. Shaded areas represent inferred core ranges, obtained via species distribution models trimmed according to revised point localities, in order to reduce overprediction in models (see Methods). Species were included in maps in order to reduce overlap between sympatric ranges, but following a general phylogenetic arrangement, with basal clades included first. Original point locality database, or resulting maps in vector format, can be made available by the senior author, via email: [cnbiogeo@gmail.com](mailto:cnbiogeo@gmail.com).









