Appendix S1. Specimens examined.

Dendrosophus bokermanni: BRAZIL: Acre: Tarauacá: MZUSP 74208 (ex-WCAB 2881, holotype). Porto Acre: UFAC-RB 1056, UFAC-RB 1057, UFAC-RB 1068–1075, UFAC- RB 1078, UFAC-RB 1082–1083. Manuel Urbano: UFAC-RB 4530. Rio Branco: PRMS 1107, PRMS 1108, PRMS 1109, PRMS 1110.PRMS 1111, PRMS 1190. PRMS 1191 Amazonas: Boca do Acre: UFAC-RB 5347–5348, UFAC-RB 5350.

Rondônia: MZUSP 73664 (ex-WCAB 7845, *Hyla rondoniae* holotype).

Dendrosophus brevifrons: ECUADOR: Napo: Santa Cecília: KU 126370 (holotype, photographs).

Dendrosophus pauiniensis: BRAZIL: Amazonas: Boca do Pauini, MZUSP 49892 (holotype). Acre: Cruzeiro do Sul: Gibraltar UFAC-RB 1512–1514, UFAC-RB 2046–2047, UFAC-RB 2050, UFAC-RB 2052–2053, UFAC-RB 2133–2134, UFAC-RB 2188, UFAC-RB 3859–3860, UFAC-RB 3888. Bujari: UFAC-RB 4259. Manuel Urbano: UFAC-RB 4531. Rio Branco: UFAC-RB 9564 (PRMS 0971), UFAC-RB 9613 (PRMS 1039), UFAC-RB 9614 (PRMS 1040), UFAC-RB 9627 (PRMS 1053), UFAC-RB 9637 (PRMS 1066), UFAC-RB 9640 (PRMS 1069), UFAC-RB 9642 (PRMS 1071), UFAC-RB 9648 (PRMS 1077), UFAC-RB 9664 (PRMS 1094). Amazonas: Boca do Acre: UFAC-RB 6273 (to be renumbered). PERU: Madre de Dios Department: Cuzco Amazónico Reserve: KU 205692 (holotype, photographs), KU 205694, KU 205725 and KU 207569 (paratypes, photographs).

Dendrosophus kamagarini: BRAZIL: Acre: Senador Guiomard: Colônia Felicidade: UFAC-RB 5205–5207, UFAC-RB 5228. Plácido de Castro: Fazenda Monte Verde: MNRJ 91953–91957. Rio Branco: UFAC-RB 9628 (PRMS 1054), UFAC-RB 9629 (PRMS 1055), UFAC-RB 9635 (PRMS 1063), UFAC-RB 9643 (PRMS 1072), UFAC-RB 9650 (PRMS 1080), UFAC-RB 9659 (PRMS 1089), UFAC-RB 9660 (PRMS 1090). Rondônia: Campo Novo de Rondônia: Parque Nacional de Pacaás Novos: UFAC-RB 7441, UFAC-RB 7450–7451, UFAC-RB 7523, UFAC-RB 7676, UFAC-RB 7790–7799, UFAC-RB 7824–7825, UFAC-RB 7843, UFAC-RB 7908–7919, UFAC-RB 7949, UFAC-RB 7954–7956, UFAC-RB 8008–8009, UFAC-RB 8017, UFAC-RB 8023, UFAC-RB 8037.

Dendrosophus kubricki: BRAZIL: Acre: Cruzeiro do Sul: Bairro do Miritizal: UFAC-RB 3884–3887.

Dendrosophus schubarti: BRAZIL: Rondônia: Território de Rondônia: MZUSP 73652 (ex-WCAB 7847, holotype).

Dendrosophus timbeba: BRAZIL: Acre: Cruzeiro do Sul: UFAC-RB 1863, UFAC-RB 2035. Rio Branco: UFAC-RB 3500, UFAC-RB 3509–3512, UFAC-RB 3524–3525, UFAC-RB 9533. Xapuri: MZUSP 60560 (ex-ZUEC 5722, holotype).