**Supplementary Table 2.** Prey taxa reported from the diet of *Bothrops asper* throughout its distribution.

| Taxa |  | Country | Reference | Year |  |
| --- | --- | --- | --- | --- | --- |
| Invertebrates |  |  |  |  |  |
|  |  | Mexico | Buttenhoff & Vogt | 1997 | 3 |
| **Malacostraca** |  |  |  |  |  |
|  | *“Crayfish”* | Trinidad | Emsley | 1977 |  |
| **Chilopoda** |  |  |  |  |  |
| Scolopendromorpha |  | Colombia | Greene | 1992 |  |
|  |  | Guatemala | Campbell | 1999 |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
|  |  | Ecuador | This study |  |  |
|  | *Scolopendra angulata* | Colombia | Parker | 1926 |  |
| **Insecta** |  |  |  |  |  |
| Coleoptera |  | Ecuador | Boada et al. | 2005 |  |
| Diptera |  | Ecuador | Boada et al. | 2005 |  |
| Hemiptera |  | Ecuador | Boada et al. | 2005 |  |
| Hymenoptera |  | Ecuador | Boada et al. | 2005 |  |
| Orthoptera |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
|  |  | Guatemala | Campbell | 1999 |  |
| **Actinopterygii** |  |  |  |  |  |
| Synbranchidae | *Synbranchus* sp. | Colombia | Díaz-Ricaurte | 2018 |  |
|  | *Synbranchus marmoratus* | Venezuela | Hertz et al. | 2009 |  |
| **Amphibia** |  |  |  |  |  |
| Anura |  | Costa Rica | Solórzano & Cerdas | 1989 |  |
|  |  | Costa Rica | Logan & Montero | 2009 |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
|  |  | Ecuador | This study |  |  |
| Aromobatidae | *Rheobates palmatus* | Colombia | Londoño-Quiceno et al. | 2020 |  |
| Bufonidae | *Rhinella marina* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
| Craugastoridae | *Craugastor fitzingeri* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Craugastor rhodopis* | Mexico | Buttenhoff & Vogt | 1997 | 3 |
|  | *Pristimantis achatinus* | Ecuador | Boada et al. | 2005 |  |
|  |  | Ecuador | This study |  |  |
|  | *Pristimantis* sp. | Ecuador | This study |  |  |
| Dendrobatidae |  | Venezuela | Lemos-Espinal & Dixon | 2013 | 3 |
| Eleutherodactylidae | *Eleutherodactylus* sp. | Costa Rica | Greene | 1997 |  |
|  |  | Guatemala | Campbell | 1999 |  |
| Gymnophiona | *Caecilia* cf. *caribea* | Colombia | Rojas Murcia, Carvajal Cogollo & Cabrejo Bello | 2016 |  |
|  | *Dermophis parviceps* | Costa Rica | Jones, Straka & Kayano | 2014 |  |
|  | *Gymnopis multiplicata* | Costa Rica | Mata-Lorenzen & Solórzano | 2021 |  |
| Hylidae | *Smilisca* sp. | Mexico | Smith | 1947 |  |
|  | *Smilisca baudinii* | Mexico | Buttenhoff & Vogt | 1997 | 3 |
|  | *Smilisca phaeota* | Ecuador | Valencia et al. | 2016 |  |
|  |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Smilisca sordida* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| Leptodactylidae | *Leptodactylus* sp. | Colombia | Rojas Murcia, Carvajal Cogollo & Cabrejo Bello | 2016 |  |
|  | *Leptodactylus bolivianus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Leptodactylus labialis* | Mexico | Smith | 1947 |  |
|  | *Leptodactylus labrosus* | Ecuador | Cisneros-Heredia | 2006 |  |
|  | *Leptodactylus savagei* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Costa Rica | Ryan et al., 2010 | 2010 |  |
|  | *Leptodactylus ventrimaculatus* | Ecuador | This study |  |  |
| Ranidae | *Lithobates forreri* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Costa Rica | Campbell & Lamar | 2004 |  |
|  | *Lithobates vaillanti* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Lithobates warszewitschii* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| **Reptilia** |  |  |  |  |  |
| Squamata |  | Ecuador | Buttenhoff & Vogt | 1995 |  |
|  |  | Ecuador | This study |  |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
|  |  | Costa Rica | Solórzano & Cerdas | 1989 |  |
| Amphisbaenidae | *Amphisbaena alba* | Venezuela | Hertz et al. | 2009 |  |
| Alopoglossidae | *Ptychoglossus* sp. | Ecuador | Valencia et al. | 2016 |  |
| Corytophanidae | *Basiliscus basiliscus* | Panamá | Fortier | 2021 |  |
| Dactyloidae | *Anolis* sp. | Guatemala | Campbell | 1999 |  |
|  | *Anolis bitectus* | Ecuador | This study |  |  |
|  | *Anolis limifrons* | Panamá | Sexton & Heatwole | 1965 |  |
| Iguanidae | *Ctenosaura similis* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| Phrynosomatidae | *Sceloporus chrysostictus* | Belize | Platt et al. | 2016 |  |
| Scincidae | *Scincella cherriei* | Mexico | Carbajal-Márquez et al. | 2019 |  |
|  |  | Guatemala | Stuart | 1948 |  |
| Scincidae | *“Skinks”* | Guatemala | Campbell | 1999 |  |
| Sphaerodactylidae | *Gonatodes albogularis* | Colombia | Nicéforo-María | 1930 | 1,3 |
| Teiidae | *Holcosus amphigrammus* | Mexico | Vela, Juárez & Calvario | 2020 |  |
|  |  | Mexico | Buttenhoff & Vogt | 1997 | 3,5 |
|  | *Holcosus festivus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Panamá | Sosa-Bartuano, Añino Ramos & Santos | 2017 |  |
|  | *Medopheos edracanthus* | Ecuador | This study |  |  |
| Xantusiidae | *Lepidophyma flavimaculatum* | Belize | Platt et al. | 2016 |  |
|  | *Lepidophyma reticulatum* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Lepidophyma tuxtlae* | Mexico | Urbina-Cardona | 2009 |  |
| Colubridae | *Dipsas andiana* | Ecuador | Arteaga | 2021 |  |
|  |  | Ecuador | Gabrysova, Aznar Gonzáles de Rueda & Barrio-Amorós | 2020 |  |
|  | *Enuliophis sclateri* | Costa Rica | Fujishima, Fukuyama & Ishiba | 2021 |  |
|  | *Erythrolamprus bizona* | Costa Rica | Solórzano | 2004 |  |
|  |  | Costa Rica | Solórzano | 2004 |  |
|  | *Ninia atrata* | Trinidad | Murphy | 1997 | 3 |
|  |  | Trinidad | Murphy | 1997 | 1 |
|  | *Ninia sebae* | Mexico | Carbajal-Márquez et al. | 2019 |  |
|  |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Tantilla supracincta* | Costa Rica | Gabrysova, Aznar Gonzáles de Rueda & Barrio-Amorós | 2020 |  |
| Viperidae | *Bothrops asper* | Mexico | Buttenhoff & Vogt | 1997 | 3 |
|  |  | Mexico | Buttenhoff & Vogt | 1995 |  |
|  | *Porthidium lansbergii* | Colombia | Roldan & Lucero | 2011 |  |
| **Aves** |  |  |  |  |  |
|  |  | Costa Rica | Picado | 1931 | 3 |
|  |  | Guatemala | Barbour & Loveridge | 1929 | 1,3 |
| Passeriformes |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Guatemala | Barbour & Loveridge | 1929 | 1 |
| Thraupidae | *Eucometis penicillata* | Panamá | Moody | 2015 |  |
|  | *Volatinia jacarina* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| Troglodytidae | *Thryothorus nigricapillus* | Ecuador | Boada et al. | 2005 |  |
|  | *Troglodytes* sp. | Venezuela | Hertz et al. | 2009 |  |
| **Mammalia** |  |  |  |  |  |
|  |  | Ecuador | This study |  |  |
|  |  | Panamá | Sexton & Heatwole | 1965 |  |
|  |  | Guatemala | Stuart | 1948 |  |
|  |  | Belize | Platt et al. | 2016 |  |
|  |  | Ecuador | Kuch et al. | 2004 |  |
|  |  | Belize | Henderson & Hoevers | 1977 |  |
|  |  | Mexico | Buttenhoff & Vogt | 1995 |  |
| Didelphidae | *“Opossums”* | Honduras | March | 1928 |  |
|  |  | Costa Rica | Picado | 1931 |  |
|  | *Caluromys derbianus* | Costa Rica | Hirth | 1964 |  |
|  | *Caluromys philander* | Trinidad | Mole | 1924 |  |
|  | *Didelphis* sp. | Mexico | Buttenhoff & Vogt | 1997 | 3 |
|  | *Didelphis marsupialis* | Costa Rica | Voss | 2013 |  |
|  |  | Costa Rica | Greene & Hardy | 1989 | 2 |
|  | *Marmosops* sp. | Ecuador | This study |  |  |
|  | *Philander opossum* | Guatemala | Campbell | 1999 |  |
|  |  | Costa Rica | Voss | 2013 |  |
|  |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| Rodentia |  | Belize | Platt et al. | 2016 |  |
|  |  | Ecuador | Kuch et al. | 2004 |  |
|  |  | Ecuador | Boada et al. | 2005 |  |
|  |  | Costa Rica | Hirth | 1964 |  |
|  |  | Trinidad | Mole | 1924 |  |
| Chiroptera | *Glossophaga soricina* | Mexico | Villa & Lopez-Forment | 1966 | 4 |
|  | *Trachops cirrhosus* | Panamá | Szczygieł & Page | 2020 |  |
| Cricetidae | *Cricetidae* | Ecuador | This study |  |  |
|  | *Handleyomys* sp. | Ecuador | This study |  |  |
|  | *Melanomys* sp. | Ecuador | This study |  |  |
|  | *Melanomys caliginosus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Melanomys caliginosus* | Ecuador | Orellana-Vásquez & Díaz | 2019 |  |
|  | *Microryzomys* sp. | Ecuador | This study |  |  |
|  | *Nephelomys moerex* | Ecuador | This study |  |  |
|  | *Oligoryzomys* sp. | Ecuador | This study |  |  |
|  | *Oligoryzomys fulvescens* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Oryzomys* sp. | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Ototylomys phyllotis* | Belize | Platt et al. | 2016 |  |
|  | *Sigmodon* sp. | Ecuador | This study |  |  |
|  | *Sigmodon hirsutus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  | *Sigmodon peruanus* | Ecuador | Kuch et al. | 2004 |  |
|  | *Sigmodontomys* sp. | Ecuador | Valencia et al. | 2016 |  |
|  | *Thomasomys* sp. | Ecuador | This study |  |  |
|  | *Transandinomys* sp. | Ecuador | This study |  |  |
|  | *“Wood Rat” [Neotoma]* | Trinidad | Mole | 1924 |  |
| Dasyproctidae | *Dasyprocta punctata* | Ecuador | Cadena-Ortiz et al. | 2017 |  |
| Echimydae | *Proechimys* sp. | Ecuador | This study |  |  |
|  | *Proechimys semispinosus* | Ecuador | This study |  |  |
|  |  | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Ecuador | Segovia-Núñez, de Osma & Ramírez-Barajas | 2014 |  |
| Erethizontidae | *Coendou rothschildi* | Ecuador | Segovia-Núñez, de Osma & Ramírez-Barajas | 2014 |  |
| Heteromyidae | *Heteromys* sp. | Guatemala | Campbell | 1999 |  |
|  | *Heteromys desmarestianus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
| Lagomorpha | *Sylvilagus brasiliensis* | Costa Rica | Greene & Hardy | 1989 |  |
| Muridae |  | Ecuador | Kuch et al. | 2004 |  |
|  | *Mus musculus* | Costa Rica | Sasa, Wasko & Lamar | 2009 |  |
|  |  | Mexico | Carbajal-Márquez et al. | 2019 |  |
|  | *Rattus rattus* | Mexico | Buttenhoff & Vogt | 1997 | 3 |
|  |  | Ecuador | Valencia et al. | 2016 |  |
|  |  | Mexico | Buttenhoff & Vogt | 1995 |  |
| Soricidae | *Cryptotis sp.* | Belize | Platt et al. | 2016 |  |
|  | *Cryptotis parva* | Mexico | Farr & Lazcano | 2017 |  |
| Cited by: 1Sasa, Wasko and Lamar (2009); 2Voss (2013); 3Farr and Lazcano (2017); 4Szczygieł and Page (2020), 5Vela, Juárez and Calvario (2020) | | | | |  |

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