

# First Record of *Potomotyphlus kaupii* (Berthold, 1859) (Gymnophiona: Typhlonectidae) for the state of Rondônia, Brazil.

Uécson Suendel C. Oliveira<sup>1\*</sup>, Diego Meneghelli<sup>1</sup>, Mariluce Rezende Messias<sup>1</sup>, Ivonete Batista Santa Rosa Gomes<sup>2</sup> and Juliano Tupan Coragem<sup>2</sup>

*Potomotyphlus kaupii* (Berthold, 1859) is a species found in the Amazon and Orinoco drainage systems, in Brazil (states of Acre, Amapá, Amazonas, Goiás, Pará, and Roraima) Colombia, Ecuador, French Guiana, Peru, and Venezuela, but southern limit of its distribution is poorly known (Marty et al., 2007; Frost, 2011; Maciel and Hoogmoed, 2011).

On July 2009 during a field sampling at Santo Antonio hydroelectric power plant, municipality of Porto Velho, state of Rondônia, Brazil (S 08°48'27.6" / W 63°56'48.2" elevation 55m), three specimens of *Potomotyphlus kaupii* (Fig. 1) were collected (two adults and one juvenile) and housed in the Coleção de Referencia da Herpetofauna da Universidade Federal de Rondônia (UFRO-H 000217-000219).

This record extends the distribution of *P. kaupii* to the Madeira river (Fig. 2), being the first record for the state of Rondonia (for detailed distribution see Maciel and Hoogmoed, 2011).

**Acknowledgments.** We thank Adriano Oliveira Maciel (MPEG) for specimens identification. Santo Antonio Energy Consortium (SAE) for providing the material. We thank Paulo Roberto Melo Sampaio from the Universidade Federal do Acre (UFAC) for his help in drafting this note and Ibama for the permits (IBAMA – 204/2009 CGFAP. Processo n° 02001.000965/2008-83).

## References

- Frost, D. R. (2011): Amphibian Species of the World: an online reference. Version 5.5 (31 January, 2011). Electronic Database accessible at <http://research.amnh.org/vz/herpetology/amphibia/> American Museum of Natural History, New York, USA. Accessed on 16 march 2012.
- Maciel, A.O., Hoogmoed, M.S. (2011): Taxonomy and distribution of caecilian amphibians (Gymnophiona) of Brazilian Amazonia, with a key to their identification. *Zootaxa*, **2984**: 1-53.
- Marty, C., Ravet, E. Bordage, D. & Lescure, J. (2007): Redécouverte de *Potomotyphlus kaupii* (Berthold, 1859) (Amphibia, Gymnophiona, Typhlonectidae) en Guyane française. *Bulletin Societ Herpétologique de France*, **121**: 35–36.

---

<sup>1</sup> Universidade Federal de Rondônia. Campus José Ribeiro Filho – BR 364 km 9,5. CEP: 76800-000. Porto Velho, RO, Brazil.

<sup>2</sup>Santo Antonio Energia (SAE). CEP: 76800-000. Porto Velho, RO, Brazil

\* corresponding author email: uecson@gmail.com



Figure 1. *Potomotyphlus kaupii*. Photo: Juliano Tupan

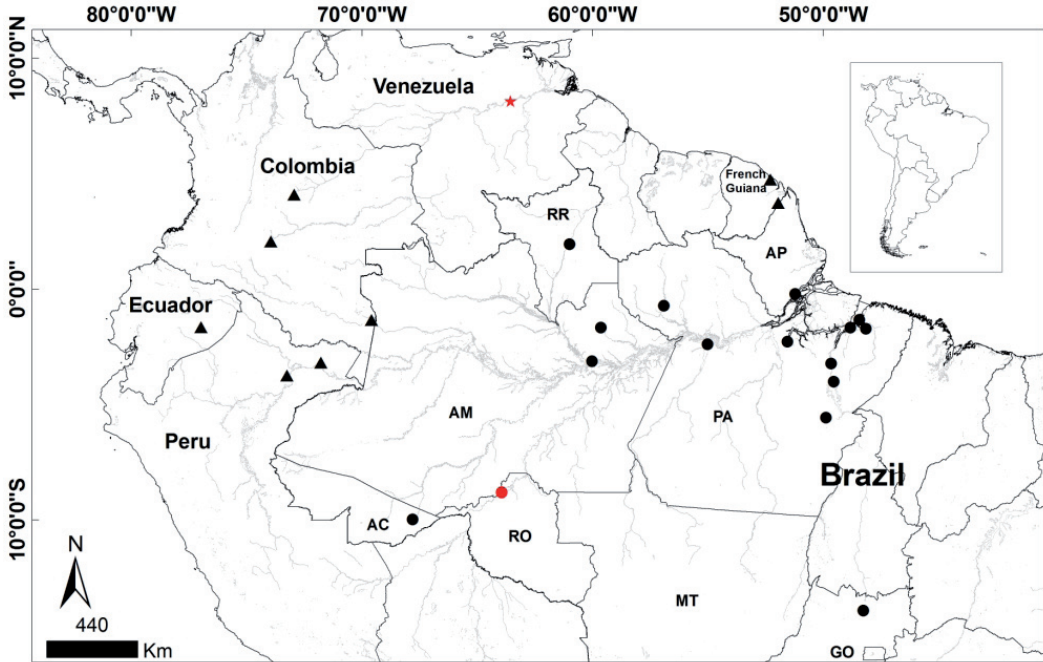


Figure 2. Distribution map of *Potomotyphlus kaupii*: Triangles: records from South America; Red star: Type-locality; Black Circles: Records in Brazil (see Maciel and Hoogmoed, 2011); Red circle: New record for the state of Rondonia, Brazil (this study).