

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/20908> holds various files of this Leiden University dissertation.

Author: Kok, Philippe Jacques Robert

Title: Islands in the sky : species diversity, evolutionary history, and patterns of endemism of the Pantepui Herpetofauna

Issue Date: 2013-05-28

CURRICULUM VITAE | PHILIPPE JACQUES ROBERT KOK

PERSONALIA

Date of birth: December 20, 1970
Place of birth: Watsa (Democratic Republic of the Congo)
Nationality: Belgian
E-mail: philippe.kok@naturalsciences.be, pjrkok@gmail.com
Web: www.philippekok.com

CURRICULUM

After having received his high school diploma (Athénée Royal Emile Bockstael, 1989), Philippe Kok enrolled at the Free University of Brussels (ULB) as a bachelor in Veterinary Medicine (1989), which he stopped after two years. He then spent a year at the Institut Paul Lambin (Brussels) studying Biotechnology. At the age of 22 he decided to leave Belgium for the tropics and spent several weeks in the rainforest of French Guiana, where he familiarized with field herpetology, and definitely fell in love with the tropical rainforests.

Back in Belgium in 1994 Philippe Kok was enrolled as a Research Associate at the Royal Belgian Institute of Natural Sciences (IRSNB) in Brussels, where he is still active.

Within the framework of an ongoing project on the systematics and biogeography of the Neotropical herpetofauna (with a focus on the Guiana Shield) he conducted numerous field trips mainly in French Guiana, Guyana, and Venezuela between 1996 and today (more than 20 expeditions, totalizing more than 500 days spent in the field).

In 1998 Kok and colleagues were sent one month to Thailand by the IRSNB within the framework of a project on the diversity of the reptiles and amphibians of Na Haeo, Loei Province, in collaboration with the Srinakharinwirot University, Bangkok.

In 1999 Philippe Kok started as CITES Expert (Amphibians and Reptiles) for the Belgian Government. Between 2003 and 2007 he worked as a freelance scientific consultant, notably for *Parc Paradisio* (now *Pairi Daiza*) in Brugelette, Belgium.

Between 2004 and 2008 he received substantial funding from the Belgian Directorate-General for Development Cooperation in the framework of a Global Taxonomy Initiative project on the herpetofaunal diversity of Kaieteur National Park in Guyana (and later extended to the Guiana Highlands) aiming at training local scientists in taxonomy and parataxonomy (“training through research” program).

Philippe Kok is associate editor for the journal *Phyllomedusa (Journal of Herpetology)* since 2007, subject editor for the online journal *Check List* since 2011, and member of the Scientific Board of the *Boletim do Museu Paraense Emílio Goeldi* since 2012; he has served as a reviewer for journals such as *Journal of Herpetology*, *Zootaxa*, *American Museum Novitates*, *Herpetologica*, *Journal of Biogeography*, *Contributions to Zoology*, etc. He is IUCN SSC Amphibian Specialist Group Regional Co-Chair for the Guiana Shield.

Since 2009 Kok is employed as a part-time researcher in the Amphibian Evolution Lab at the Vrije Universiteit Brussel, where he also teaches the Field Herpetology course to the second year students of Master in Herpetology.

Philippe Kok was enrolled as a PhD student in Leiden University, The Netherlands, in February 2011 under the supervision of Prof. Dr. E. Gittenberger and Prof. Dr. E. Smets.

PUBLICATIONS BESIDES THIS THESIS (1998-2012)

1. FOUQUET, A., LOEBMANN, D., CASTROVIEJO-FISHER, S., PADIAL, J. M., DILL ORRICO, V. G., LYRA, M., JOVENTINO ROBERTO, I., **KOK, P. J. R.**, HADDAD, C. F. B. & RODRIGUES, M. T. 2012. From Amazonia to the Atlantic forest: Molecular phylogeny of Phyzelaphryninae frogs reveals unexpected diversity and a striking biogeographic pattern emphasizing conservation challenges. *Molecular Phylogenetics and Evolution* 65, 547–561.
2. SALES NUNES, P. M., FOUQUET, A., CURCIO, F. F., **KOK, P. J. R.** & RODRIGUES, M. T. 2012. Cryptic species in *Iphisa elegans* Gray, 1851 (Squamata: Gymnophthalmidae) revealed by hemipenial morphology and molecular data. *Zoological Journal of the Linnean Society* 166, 361–376.
3. **KOK, P. J. R.**, MACCULLOCH, R. D., MEANS, D. B., ROELANTS, K., VAN BOCXLAER, I. & BOSSUYT, F. 2012. Low genetic diversity in tepui summit vertebrates. *Current Biology* 22(15), 589–590.
4. RIVAS, G. A., UGUETO, G., MOLINA, C. R., BARROS, T. R., BARRIO-AMORÓS & **KOK, P. J. R.** 2012. Reptiles of Venezuela: an updated and commented checklist. *Zootaxa* 3211, 1–64.
5. PAUWELS, O. S. G. & **KOK, P. J. R.** 2011. Book Review. Secrets of the Snake Charmer: Snakes in the 21st Century, by John C. Murphy. *Herpetological Review*, 42(2): 313
6. **KOK, P. J. R.** & RIVAS, G. A. 2011. A new species of *Anadia* (Reptilia, Squamata) from the Venezuelan “Lost World”, northern South America. *European Journal of Taxonomy* 3, 1–18.
7. **KOK, P. J. R.** 2011. A new species of the genus *Gonatodes* Fitzinger, 1843 (Reptilia: Sphaerodactylidae) from central Guyana, northern South America. *Zootaxa* 3018, 1–12.
8. **KOK, P. J. R.**, MEANS, D. B. & BOSSUYT, F. 2011. A new highland species of *Pristimantis* Jiménez de la Espada, 1871 (Anura: Strabomantidae) from the Pantepui region, northern South America. *Zootaxa* 2934, 1–19.
9. WILKINSON, M. & **KOK, P. J. R.** 2010. A new species of *Microcaecilia* (Amphibia: Gymnophiona: Caeciliidae) from Guyana. *Zootaxa* 2719, 35–40.
10. **KOK, P. J. R.**, MACCULLOCH, R. D., LATHROP, A., WILLAERT, B. & BOSSUYT, F. 2010. A new species of *Anomaloglossus* (Anura: Aromobatidae) from the Pakaraima Mountains of Guyana. *Zootaxa* 2660, 18–32.
11. **KOK, P. J. R.** 2010. A new species of *Chironius* Fitzinger, 1826 (Squamata: Colubridae) from the Pantepui region, northeastern South America. *Zootaxa* 2611, 31–44.
12. DESAMORE, A., VANDERPOORTEN, A., LAENEN, B., GRADSTEIN S. R. & **KOK, P. J. R.** 2010. Biogeography of the Lost World (Pantepui region, northeastern South America): insights from bryophytes. *Phytotaxa* 9, 254–265.
13. **KOK, P. J. R.** 2010. A redescription of *Anomaloglossus praderioi* (La Marca, 1998) (Anura: Aromobatidae: Anomaloglossinae), with description of its tadpole and call. *Papéis Avulsos de Zoologia*, 50(4), 51–68.

14. GOWER, D. J., WILKINSON, M., SHERRATT, E. & **KOK, P. J. R.** 2010. A new species of *Rhinatrema* Duméril & Bibron (Amphibia: Gymnophiona: Rhinatrematidae) from Guyana. *Zootaxa*, 2391, 47–60.
15. MACCULLOCH, R. D., LATHROP, A., **KOK, P. J. R.**, ERNST, R. & KALAMANDEEN, M. 2009. The genus *Oxyrhopus* (Serpentes: Dipsadidae: Xenodontinae) in Guyana: morphology, distributions and comments on taxonomy. *Papéis Avulsos de Zoologia*, 49(36), 485–495.
16. **KOK, P. J. R.** 2009. A new species of *Oreophrynella* (Anura: Bufonidae) from the Pantepui region of Guyana, with notes on *O. macconnelli* Boulenger, 1900. *Zootaxa*, 2071, 35–49.
17. **KOK, P. J. R.** 2009. Lizard in the clouds: a new highland genus and species of Gymnophthalmidae (Reptilia: Squamata) from Maringma tepui, western Guyana. *Zootaxa*, 1992, 53–67.
18. CASTROVIEJO–FISHER, S., GUAYASAMIN, J. M. & **KOK, P. J. R.** 2009. Species status of *Centrolene lema* Duellman and Señaris, 2003 (Amphibia: Centrolenidae) revealed by Integrative Taxonomy. *Zootaxa*, 1980, 16–28.
19. **KOK, P. J. R.** 2009. Amphibien und Reptilien über den Wolken – die Entschlüsselung der Artendiversität in einer vergessenen Welt. *Terraria*, 79: 75–80.
20. **KOK, P. J. R.** & RIVAS FUENMAYOR, G. A. 2008. *Typhlophis ayarzaguenai* Señaris, 1998 is a junior synonym of *Typhlophis squamosus* (Schlegel, 1839). *Amphibia–Reptilia*, 29(4), 555–558.
21. **KOK, P. J. R.** 2008. A new highland species of *Arthrosaura* Boulenger, 1885 (Squamata: Gymnophthalmidae) from Maringma tepui on the border of Guyana and Brazil. *Zootaxa*, 1909, 1–15.
22. MACCULLOCH, R. D., LATHROP, A., **KOK, P. J. R.**, MINTER, L. R., KHAN, S. Z. & BARRIO–AMORÓS, C. L. 2008. A New Species of *Adelophryne* (Anura: Eleutherodactylidae) from Guyana, with Additional Description of *A. gutturosa*. *Zootaxa*, 1884, 36–50.
23. **KOK, P. J. R.** & CASTROVIEJO–FISHER, S. 2008. Glassfrogs (Anura: Centrolenidae) of Kaieteur National Park, Guyana, with notes on the distribution and taxonomy of some species of the family in the Guiana Shield. *Zootaxa*, 1680, 25–53.
24. **KOK, P. J. R.** & KALAMANDEEN, M. 2008. Introduction to the taxonomy of the amphibians of Kaieteur National Park, Guyana. *Abc Taxa* Volume 5, 288 pp, 151 figs.
25. **KOK, P. J. R.**, RIVAS FUENMAYOR, G. A. & PAUWELS, O. S. G. 2007. The taxonomic status of the Venezuelan snakes *Atractus matthewi* and *A. nororientalis* (Serpentes, Colubridae). *Zootaxa*, 1493, 66–68.
26. **KOK, P. J. R.**, ERNST, R. 2007. A new species of *Allobates* (Anura: Aromobatidae: Allobatinae) exhibiting a novel reproductive behaviour. *Zootaxa*, 1555, 21–38.
27. **KOK, P. J. R.**, KOKUBUM, M. N. C., MACCULLOCH, R. D. & LATHROP, A. 2007. Morphological variation in *Leptodactylus lutzi* (Heyer, 1975) (Anura: Leptodactylidae) with description of its advertisement call and notes on its courtship behavior. *Phyllomedusa*, 6(1), 45–60.
28. **KOK, P. J. R.** & BENJAMIN, P. 2007. *Stefania evansi* (Groete Creek Carrying

- Frog): Froglet carrying. *The Herpetological Bulletin*, 100, 38–39.
29. **KOK, P. J. R.**, BENJAMIN, P. & LENGLET, G. L. 2007. *Stefania woodleyi* (Woodley's Treefrog). Defensive behavior. *Herpetological Review*, 38(2), 198.
 30. **KOK, P. J. R.** 2006. A new species of *Hypsiboas* (Amphibia: Anura: Hylidae) from Kaieteur National Park, eastern edge of the Pakaraima Mountains, Guyana. *Bulletin de l'Institut Royal des Sciences naturelles de Belgique, Biologie*, 76, 191–200.
 31. **KOK, P. J. R.** 2006. A new snake of the genus *Atractus* Wagler, 1828 (Reptilia: Squamata: Colubridae) from Kaieteur National Park, Guyana, northeastern South America. *Zootaxa*, 1378, 19–35.
 32. **KOK, P. J. R.**, SAMBHU, H., ROOPSIND I., LENGLET, G. L. & BOURNE, G. R. 2006. A new species of *Colostethus* (Anura: Dendrobatidae) with maternal care from Kaieteur National Park, Guyana. *Zootaxa*, 1238, 35–61.
 33. COLE, C. J. & **KOK, P. J. R.** 2006. A New Species of Gekkonid Lizard (Sphaerodactylinae: *Gonatodes*) from Guyana, South America. *American Museum Novitates*, 3524, 1–13.
 34. GRANT, T., FROST, D. R., CALDWELL, J. P., GAGLIARDO, R., HADDAD, C. F. B., **KOK, P. J. R.**, MEANS, B. D., NOONAN, B. P, SCHARGEL, W., & WHEELER, W. C. 2006. Phylogenetic systematics of dart-poison frogs and their relatives (Anura: Athesphatanura: Dendrobatidae). *Bulletin of the American Museum of Natural History*, 299, 1–262.
 35. **KOK, P. J. R.**, MACCULLOCH, R. D., GAUCHER, P., POELMAN, E. H., BOURNE, G. R., LATHROP, A. & LENGLET, G. L. 2006. A new species of *Colostethus* (Anura: Dendrobatidae) from French Guiana with a redescription of *Colostethus beebei* (Noble, 1923) from its type locality. *Phyllomedusa*, 5(1), 43–66.
 36. **KOK, P. J. R.**, BOURNE, G. R., BENJAMIN, P. & LENGLET, G. L. 2006. *Stefania evansi* (Groete Creek Carrying Frog). Reproduction. *Herpetological Review*, 37(2), 212–213.
 37. **KOK, P. J. R.**, BOURNE, G. R., LAFONTAINE R-M., BENJAMIN, P. & LENGLET, G. L. 2006. *Corallus hortulanus* (Amazon Tree Boa). Diet. *Herpetological Review*, 37(2), 230–231.
 38. **KOK, P. J. R.**, BOURNE, G. R., SAMBHU, H. & LENGLET, G. L. 2005. Geographic Distribution. *Phrynohyas coriacea*. *Herpetological Review*, 36(4), 462–463.
 39. **KOK, P. J. R.** 2005. A New Genus and Species of Gymnophthalmid Lizard (Squamata: Gymnophthalmidae) from Kaieteur National Park, Guyana. *Bulletin de l'Institut Royal des Sciences naturelles de Belgique, Biologie*, 75, 35–45.
 40. **KOK, P. J. R.**, BOURNE, G. R., ARJOON, D., WULFF, N. M. & LENGLET, G. L. 2005. *Colostethus beebei*. Charismatic Jewel of the Lost World: The Golden Rocket Frog. *Reptilia*, 38: 47-53.
 41. **KOK, P. J. R.**, BOURNE, G. R., ARJOON, D., WULFF, N. M. & LENGLET, G. L. 2005. *Colostethus beebei*, una carismática joya del Mundo Perdido, *Reptilia*, 51: 51-57.
 42. **KOK, P. J. R.**, ROZE, J. A., LENGLET, G. L., SAMBHU, H. & ARJOON, D. 2003. *Micrurus isozonus* (Cope, 1860) (Serpentes, Elapidae): an addition to the herpetofauna of Guyana, with comments on other species of coral snakes from Guyana. *Bulletin de l'Institut Royal des Sciences naturelles de Belgique, Biologie*,

- 73, 73–79.
43. **KOK, P. J. R.** & PAUWELS, O. S. G. 2003. Amphibian Fauna of Na Haeo: a preliminary overview, pp 173-180, in: L. Ampornpan, L. A. & S. S. Dhillion. (Eds): The Environment of Na Haeo, Thailand: biodiversity, non-timber products and conservation. Craftman Press, Bangkok.
 44. PAUWELS, O. S. G. & **KOK, P. J. R.** 2003. Reptiles of Na Haeo: a preliminary survey, pp 163-171, in: L. Ampornpan, L. A. & S. S. Dhillion (Eds): The Environment of Na Haeo, Thailand: biodiversity, non-timber products and conservation. Craftman Press, Bangkok.
 45. **KOK, P.**, JOORIS, R., PERCSY, C. & LENGLET, G. L. 2002. Dangers pour la faune indigène de l'introduction d'espèces animales à des fins ornementales: *Rana bedriagae* (Amphibia: Anura: Ranidae), un futur cas d'école ? Faune Belge: Etat des Lieux et Tendances Observées (avec une attention particulière pour les espèces exotiques). *Bulletin de l'Institut Royal des Sciences naturelles de Belgique*, 72(suppl.), 219–221.
 46. **KOK, P. J. R.** 2001. Note sur l'introduction de *Rana bedriagae* Camerano, 1882 (Anura, Ranidae) en Belgique et ses possibles implications sur la batrachofaune indigène. *Les Naturalistes Belges*, 82(1), 25–30.
 47. **KOK, P. J. R.** 2000. Addenda to “A survey of the anuran fauna of Montagne Belvédère, county of Saül, French Guiana”. *The Herpetological Bulletin*, 73, 13.
 48. **KOK, P. J. R.** 2000. A survey of the anuran fauna of Montagne Belvédère, county of Saül, French Guiana: field list with comments on taxonomy and ecology. *The British Herpetological Society Bulletin*, 71, 6–26.
 49. **KOK, P.** 1998. *Ctenophryne geayi* (Brown Egg Frog). Geographic Distribution. *Herpetological Review*, 29(4), 246.
 50. **KOK, P.** 1998. *Anolis nitens chrysolepis* (Goldenscale Anole). Predation. *Herpetological Review*, 29(1), 41.

