

## First record of *Hysteroocrates celerierae* (Smith, 1990) from Burkina Faso (Aranei: Theraphosidae)

Timur B. Bariev<sup>1</sup>, Danniella Sherwood<sup>2,3,\*</sup>

<sup>1</sup> Department of Invertebrate Zoology, Saint-Petersburg State University, Universitetskaya nab., 7/9, St Petersburg 199034 Russia.

<sup>2</sup> Arachnology Research Association, London, United Kingdom.

<sup>3</sup> Fundación Ariguanabo, San Antonio de los Baños, Cuba.

ORCID 0000-0001-8170-9529

\* Corresponding author: [danni.sherwood@hotmail.com](mailto:danni.sherwood@hotmail.com)

ABSTRACT. *Hysteroocrates celerierae* (Smith, 1990), hitherto known only from Cote d'Ivoire, is newly recorded from Burkina Faso based on adult females examined in the Zoological Institute of the Russian Academy of Sciences.

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KEY WORDS: Araneae, African, distribution, morphology, spider, tarantula.

## Первые данные о *Hysteroocrates celerierae* (Smith, 1990) из Буркина-Фасо (Aranei: Theraphosidae)

Т.Б. Бариев<sup>1</sup>, Д. Шервуд<sup>2,3,\*</sup>

<sup>1</sup> Кафедра зоологии беспозвоночных, Санкт-Петербургский государственный университет, Университетская наб., 7/9, Санкт-Петербург 199034 Россия.

<sup>2</sup> Arachnology Research Association, London, United Kingdom.

<sup>3</sup> Fundación Ariguanabo, San Antonio de los Baños, Cuba.

\* Автор для переписки: [danni.sherwood@hotmail.com](mailto:danni.sherwood@hotmail.com)

РЕЗЮМЕ. *Hysteroocrates celerierae* (Smith, 1990), ранее известный исключительно из Кот-д'Ивуара, отмечен из Буркина-Фасо по взрослым самкам, изученным в Зоологическом институте Российской академии наук.

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КЛЮЧЕВЫЕ СЛОВА: Araneae, Африка, распространение, морфология, паук, птицевед.

### Introduction

Smith (1990) described *Phoneyusa celerierae* (as *celerieri*, taken here as a *lapsus calami* per WSC (2023)) based on two females from Cote d'Ivoire. For many years, save for some duplication of Smith's illustrations by Schmidt (1993, 2003), this species received no further attention until Gallon & Wendt (2015) found it to be misplaced in *Phoneyusa* Karsch, 1884 and

transferred it to the genus *Hysteroocrates* Simon, 1892. Gallon & Wendt (2015) examined the holotype female and noted the paratype female was lost. Hitherto, this species has been known only from Cote d'Ivoire and from two females, one now no longer accessible in an institution.

Recently, TB examined mygalomorph material in the Zoological Institute of the Russian Academy of Sciences, including four females from Ouagadougou, Burkina Faso which he



Figs. 1–3. *Hysterochrates celerierae* (Smith, 1990) female (ZIN ARA\_ARA\_0000632), 1 — habitus, dorsal view, 2 — data label, 3 — spermathecae, dorsal view. Scale bar 20 mm (1).

Рис. 1–3. *Hysterochrates celerierae* (Smith, 1990), самка (ZIN ARA\_ARA\_0000632), 1 — габитус, дорсальный вид, 2 — оригинальная этикетка, 3 — сперматека, дорсальный вид. Масштаб 20 мм (1).

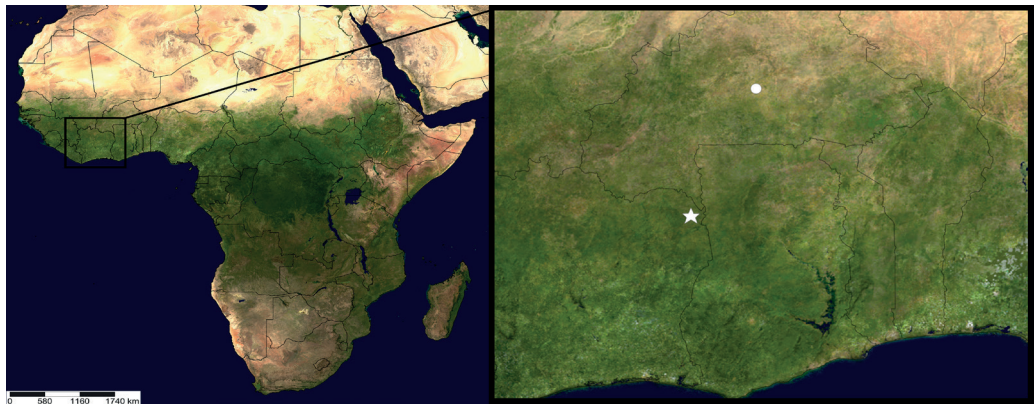


Fig. 4. Map showing the currently known distribution of *Hysterochrates celerierae* (Smith, 1990). Star — type locality, circle — new records.

Рис. 4 Карта известного на данный момент распространения *Hysterochrates celerierae* (Smith, 1990). Звёздочка — типовой локалитет, кружок — новые данные.

noticed were eumenophorines. After dissection, closer examination of this material by DS, and a second opinion from Richard Gallon (Llandudno, UK), we established it belonged to *H. celerierae*.

In this work, we therefore report *H. celerierae* from Burkina Faso for the first time,

expanding its known range and presenting the first photograph of the spermathecae. Photographs were taken using a Canon EOS 5D Mark IV camera, with resulting images stacked using Helicon Focus software. Abbreviations: BMNH — Natural History Museum, London,

United Kingdom; ZIN — Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia.

## Results

### *Hysterochrates celerierae* (Smith, 1990)

*Phoneyusa celerieri* Smith, 1990: 49, figs. 222–230.

*Phoneyusa celerierae*: Schmidt, 1993: 111, fig. 349.

*Phoneyusa celerierae*: Schmidt, 2003: 216, fig. 654.

*Hysterochrates celerierae*: Gallon, Wendt, 2015: 302, fig. 19.

TYPE MATERIAL. Holotype ♀ (BMNH 1990.10.15.1), Bouna Park, Cote d'Ivoire, 17/05/1982, coll. J.-M. Leraux, examined by DS; paratype ♀ in private collection (see Smith [1990]), lost.

OTHER MATERIAL EXAMINED. 4 ♀♀ (ZIN ARA\_ARA\_0000632), Ouagadougou, La Volta, Afr. Occ. Franc. (currently Burkina Faso), 1926–1928, No. 642-929, coll. G. Olsoufieff.

DISTRIBUTION. Burkina Faso (new record), and Cote d'Ivoire.

REMARKS. We provide complimentary photographs of the preserved habitus and the spermathecae in dorsal view from one of the four newly recorded females (Figs 1–3). This species was previously known only from the *locus typicus*. The specimens recorded herein from Ouagadougou, Burkina Faso extend its range by more than 380 km northwards (Fig. 4) but are still within the same habitat-type, namely the Sudanean-Savannah ecoregion. Thus, its presence in Burkina Faso is hardly surprising. *Hysterochrates celerierae* (Smith, 1990) still remains known only from the female.

### Compliance with ethical standards

CONFLICTS OF INTEREST: The authors declare that they have no conflicts of interest.

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