

A new species of the genus *Agastophysis* Miroshnikov, 2014
(Coleoptera: Cerambycidae) from China and corrigenda
to the author's publications of 2013 and 2014

Новый вид рода *Agastophysis* Miroshnikov, 2014
(Coleoptera: Cerambycidae) из Китая и исправления
к публикациям автора 2013 и 2014 годов

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KEY WORDS: Coleoptera, Cerambycidae, Apatophyseini, *Agastophysis*, new species, China, corrigenda.

КЛЮЧЕВЫЕ СЛОВА: Coleoptera, Cerambycidae, Apatophyseini, *Agastophysis*, новый вид, Китай, исправление печаток.

ABSTRACT. *Agastophysis meiyingae* sp. n. from Tibet, China is described again as new to fully comply with the provisions of the International Code of Zoological Nomenclature (1999), because, due to an inadvertent omission of the Material section in the previous description of *Agastophysis meiyingae* Miroshnikov, 2014, the availability of that name has been jeopardized. Corrigenda are also provided for some of the recent publications of the author, including the one containing the description of *A. meiyingae*.

РЕЗЮМЕ. Из Тибета (Китай) снова как новый вид описан *Agastophysis meiyingae* sp.n., чтобы полностью удовлетворять требованиям Международного кодекса зоологической номенклатуры (1999), поскольку в связи с непреднамеренным пропуском раздела “Материал” в прежнем описании *Agastophysis meiyingae* Miroshnikov, 2014 пригодность этого названия подвергнута риску. Даны исправления опечаток в некоторых недавних публикациях автора, включая ту, которая содержит описание *A. meiyingae*.

Introduction

Recently I have already described *Agastophysis meiyingae* as a new species [Miroshnikov, 2014]. However, when preparing the layout of the volume for publication which contained the description, a text fragment concerning the studied material was inadvertently omitted. This was immediately corrected in a subsequent paper [Miroshnikov & Lin, 2014]. At the same time, despite that omission, the original description of *A. meiyingae* does contain holotype fixation in the form

of colour pictures and the corresponding figure captions, i.e. “Holotype male”. Information concerning provenance of the holotype is likewise available: “China, Xizang (Tibet) Prov.”. In addition, the section “Etymology”, albeit indirectly, but quite logically does indicate the holotype's repository, i.e. “Institute of Zoology, Chinese Academy of Sciences, Beijing, China”. No wonder that not only the former two conditions for fully complying with the provisions of the International Code of Zoological Nomenclature [1999] (Code), but also the latter one, which is the most circumstantial, has already found recognition by most of colleague students (e.g. <http://lully.snv.jussieu.fr/titan>).

However, to be fully certain, I went on scrutinizing this problem and discussing it in due detail with many colleagues, including some commissioners of the International Commission on Zoological Nomenclature (ICZN). Their opinions concerning the availability of that species name were divided. Some specialists argued that, since all above provisions of the Code had been quite fully met at least formally in the original description of *A. meiyingae* Miroshnikov, 2014, this name be considered as available. However, a few other colleagues noted some uncertainty concerning the repository of the holotype which impeded, in their opinion, an undisputed recognition of the name as available because of a nonstrict observance of the corresponding § 16.4.2 of the Code. Among such supporters of the need to root out the problem through repeating publication of the same name as new are Dr. Thomas Pape (Natural History Museum of Denmark, Copenhagen, commissioner of ICZN) (a personal communication of July 8, 2014) and a few others.

Considering the above situation, in order to exclude any possible misunderstanding or confusion as regards the name *Agastophysis meiyngae* Miroshnikov, 2014, and to ascertain its absolutely indisputable availability, *Agastophysis meiyngae* sp. n. is published here again. The more so as certain misleading statements have already appeared on the web, such as “*Agastophysis meiyngae* Miroshnikov, 2014: 27 ... — unavailable” because of “no material published” (Danilevsky, http://www.zin.ru/Animalia/Coleoptera/rus/cer_edit.htm, version of 17 July 2014), which only add to the confusion.

For practical reasons it seems thereby advisable to completely repeat verbatim the descriptive part and illustrations contained in Miroshnikov [2014] so that the reader would have all information summarized in one place.

***Agastophysis meiyngae* Miroshnikov, sp.n.**

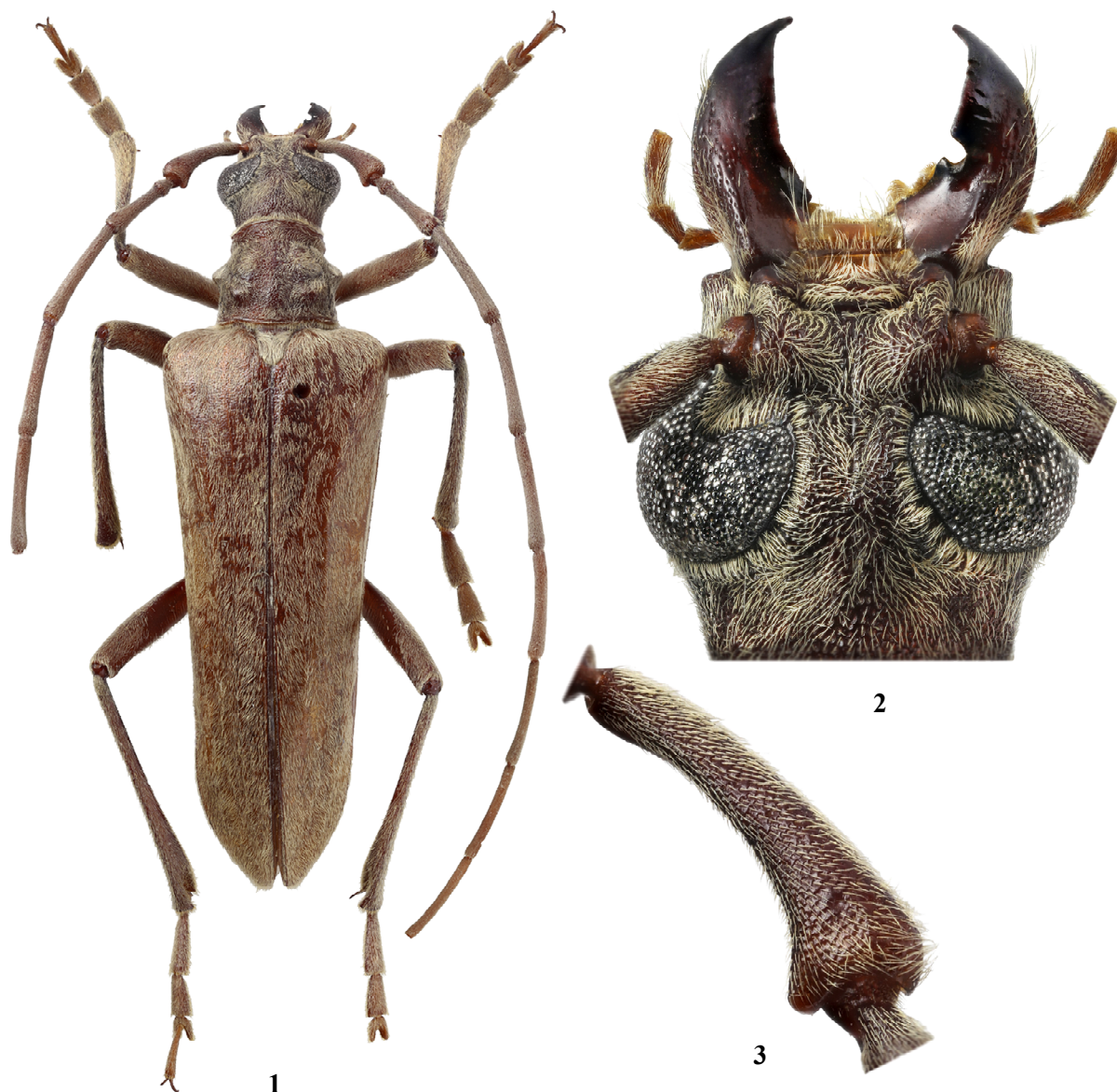
Figs 1–3

Agastophysis meiyngae Miroshnikov, 2014: 27 (unavailable name?). Miroshnikov & Lin, 2014: 120 (unavailable name?).

MATERIAL. Holotype ♂ [IOZ(E)1905118], China, Xizang (Tibet) Prov., Shannan Distr., Naidong, 1981, leg. Xin-Nian Li & Bao-Hai Wang.

The holotype is kept in the Institute of Zoology, Chinese Academy of Sciences, Beijing, China (IZAS).

DIAGNOSIS. The new species is similar to *Agastophysis griseopubens* (Pic, 1957), but differs clearly by the elytra more elongated and more strongly narrowed towards the apex in the male, by certain features of the setation of the elytra which generally fails to form clear-cut longitudinal strips, by the more strongly developed pair of discal tubercles at the base of the pronotum in relation to the pair of tubercles before the middle, by an oblong scutellum, a somewhat different length ratio of antennomeres 1 and 4–6, and a larger body.



Figs 1–3. *Agastophysis meiyngae* sp. n., holotype male: 1 — habitus; 2 — head; 3 — right antennomere 1.

Рис. 1–3. *Agastophysis meiyngae* sp. n., голотип самец: 1 — общий вид; 2 — голова; 3 — 1-й правый членик усиков.

DESCRIPTION. Male. Body length 22.5 mm, humeral width 6.5 mm. Reddish- and red-brown; eyes, as well as mandibles at inner margin and apically black.

Head with a dense, in places confluent, partly rugose, predominantly rough puncturation; antennae extending beyond apex of elytra by 9th antennomere, reaching base of elytra by about basal one-third of 4th; antennomere 1, 1.38, 0.91, 0.90 or 0.89 times as long as 3rd, 4th, 5th and 6th, respectively; antennomeres 7–10 slightly differing in length.

Pronotum at level of lateral tubercles 1.10 or 1.23 times as wide as both width at base and length, respectively; base 1.26 times as wide as apex; apex with a sharp constriction; lateral tubercles at apex moderately acuminate; on disk, both upper and lower pairs of tubercles very clearly separated from each other by a strongly developed impression; lower pair of tubercles more strongly developed than upper pair; middle part of disk with a rough, dense, in places confluent puncturation (like on head), tubercles with a smaller dense puncturation.

Scutellum oblong, evidently narrowed towards apex, rounded at the very apex.

Elytra clearly narrowed towards apex; 2.6 times as long as width at base; with clear costae and an evidently less distinct puncturation than both head and disk of pronotum.

Pro- and mesosterna in apical part with clear transverse folds; metasternum with dense, small, rougher puncturation partly wrinkled in sutural area; sternites densely and finely punctured; apex of last (visible) sternite with a broad, very weak emargination.

Recumbent setation grey, well-developed, partly significantly or strongly hiding background sculpture; antennae,

venter and legs with a more uniform setation than dorsum; longitudinal stripes of elytra generally almost not expressed, partly more or less visible only in apical half.

Female unknown.

ETYMOLOGY. The new species honours my colleague, Dr. Meiyang Lin (IZAS), who kindly provided the material for study.

ACKNOWLEDGEMENTS. I am very grateful to all colleagues who actively participated in the discussion of the problem considered in the present paper.

References

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- Miroshnikov A.I. & Lin M.-Y. 2014. A new species of the genus *Formosotoxotus* Hayashi, 1960 from China, with additions to the description of *Agastophysis meiyangae* Miroshnikov, 2014 (Coleoptera: Cerambycidae) // Russian Entomol. J. Vol.23. No.2. P.117–120.

ERRATA

As some of my previous publications contain some more misprints, their corrections are also offered below:

Konstantinov A.S., Ślipiński S.A. & Solodovnikov A.Yu. (Eds). 2014. Advances in studies on Asian cerambycids (Coleoptera: Cerambycidae). Papers by Alexandr I. Miroshnikov, dedicated to the memory of Dr. Judson Linsley Gressitt. Krasnodar — Moscow: KMK Scientific Press Ltd. 237 pp.

page	column	line	As printed	Correct form
18	left	36	bettles	beetles
23	right	11	metatibae	metatibiae
30	left	6–7	four species	five species
53	right	8	the the type	the type
75	right	4–5	antennomere 4	antennomere 3
75	right	6	antennomere 3	antennomere 4
75	right	13	antennomere 4	antennomere 3
75	right	14	antennomere 3	antennomere 4
92	left	18	fig 1	fig. 1
123	–	2	from Sichuan	from Yunnan
140	left	32	Figs 55–84	Figs 55–85
226	–	3	photograph b	photograph by

Miroshnikov A.I. 2013. The longicorn beetle genus *Oligoenoplus* Chevrolat, 1863 (Coleoptera: Cerambycidae) in China // Humanity space — International Almanac. Vol. 2. No. 1. P. 238–246.

page	line	As printed	Correct form
243	1	is always rounded	is almost always rounded