SCIENTIFIC NOTE

TWO REPLACEMENT NAMES FOR THE PREOCCUPIED SPECIFIC EPITHETS IN THE GENUS *XYLOCOPA* LATREILLE, 1802 (HYMENOPTERA: APIDAE)

Hüseyin Özdikmen*

* Gazi Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 06500 Ankara / TÜRKİYE. E-mail: ozdikmen@gazi.edu.tr

Family APIDAE
Genus *XYLOCOPA* Latreille, 1802

Species *XYLOCOPA HEDICKEI* nom. nov.

Xylocopa alticola Hedicke, 1938. Deut. Ent. Zeit., 1938: 186-196. Preoccupied by *Xylocopa alticola* (Cockerell, 1919). Proc. U. S. Nat. Mus., 55 (2264): 167-221. (Hymenoptera: Apoidea: Apidae: Xylocopinae: Xylocopini).

The names *Xylocopa alticola* (Cockerell, 1919) and *Xylocopa alticola* Hedicke, 1938 were included in the family Apidae.

The specific epithet *alticola* was initially introduced by Cockerell (1919) with the original combination *Mesotrichia stuhlmanni alticola* Cockerell, 1919 from Tanzania. It is still used as a valid species name.

Subsequently, Hedicke (1938) described a new species from Asia with the same species group epithet as *Xylocopa alticola* Hedicke, 1938 by original combination. It is also still used as a valid species name.

Xylocopa alticola (Cockerell, 1919) has priority over *Xylocopa alticola* Hedicke, 1938. Thus, *Xylocopa alticola* Hedicke, 1938 is illegitimate and consequently can not be correct. The name *Xylocopa alticola* Hedicke, 1938 is a secondary junior homonym of the name *Xylocopa alticola* (Cockerell, 1919). According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the specific epithet *alticola* Hedicke, 1938 the replacement name *hedickei* nom. nov..

Etimology: The name is dedicated to H. Hedicke who is current author name of the preexisting species *Xylocopa alticola*.

Summary of nomenclatural changes:

Species *Xylocopa hedickei* **nom. nov.**
pro *Xylocopa alticola* Hedicke, 1938 **syn. n.**, [nec *Xylocopa alticola* (Cockerell, 1919)]

Species *XYLOCOPA WUI* nom. nov.

Xylocopa sinensis (Wu, 1983). Entomotaxonomia, 5 (2): 13-, 132. Preoccupied by *Xylocopa sinensis* Smith, 1854. Catalogue of the hymenopterous insects in the collection of the British Museum. Part II. Apidae. British Museum (Natural History), London. p. 356. (Hymenoptera: Apoidea: Apidae: Xylocopinae: Xylocopini).

The names *Xylocopa sinensis* Smith, 1854 and *Xylocopa sinensis* (Wu, 1983) were included in the family Apidae.

The specific epithet *sinensis* was initially introduced by Smith (1854) with the original combination *Xylocopa sinensis* Smith, 1854 from China. It is still used as a valid species name.

Subsequently, Wu (1983) described a new species from China with the same species group epithet as *Proxylocopa* (*Proxylocopa*) *sinensis* Wu, 1983 by original combination. It is also still used as a valid species name.

Xylocopa sinensis Smith, 1854 has priority over *Xylocopa sinensis* (Wu, 1983). Thus, *Xylocopa sinensis* (Wu, 1983) is illegitimate and consequently can not be correct. The name *Xylocopa sinensis* (Wu, 1983) is a secondary junior homonym of the name *Xylocopa sinensis* Smith, 1854. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *sinensis* Wu, 1983 the replacement name *wui* nom. nov..

Etimology: The name is dedicated to Y.-r. Wu who is current author name of the preexisting species *Xylocopa sinensis*.

Summary of nomenclatural changes:

Species *Xylocopa wui* **nom. nov.**
pro *Xylocopa sinensis* (Wu, 1983) **syn. n.**, [nec *Xylocopa sinensis* Smith, 1854]
[Orig. comb.: *Proxylocopa* (*Proxylocopa*) *sinensis* Wu, 1983 from China]

LITERATURE CITED

Cockerell, T. D. A. 1919. Bees in the collection of the United States National Museum -3. Proceedings of the United States National Museum 55 (2264): 167-221.

Hedicke, H. 1938. Über einige Apiden vom Hindu-kush. Deutsche Entomologische Zeitschrift, 1938: 186-196.

ICZN. 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London. 306 pp.

Smith, F. 1854. Catalogue of the hymenopterous insects in the collection of the British Museum. Part II. Apidae. British Museum (Natural History), London. 266 pp.

Wu, Y.-r. 1983. A study of Chinese *Proxylocopa* with description of two new species (Hymenoptera: Apoidea). Entomotaxonomia, 5 (2): 129-132.