

New species
of the Satyrid butterflies
(Lepidoptera, Satyridae)
from the Caucasus

by Pavel V. Bogdanov

Summary

New species, *Pseudochazara nukatli* sp. n. is described from Daghestan.

РЕЗЮМЕ

Новый таксон, *Pseudochazara nukatli* sp. n., описывается с территории Дагестана.

Pseudochazara nukatli sp. n.

Holotype: male, Verkhny Gunib, Nukatli' Mts., 2000 m, Daghestan Rep., Russia, 28.VII.1984, leg. P. Bogdanov.

Paratypes: 5 males, 5 females, same data, 21 — 31.VII.1984, leg. P. Bogdanov; 5 males, 3 females, same data, 5.09.1989, leg. P. Bogdanov.

The holotype and partly paratypes are deposited in the collection of the State Darwin Museum, some paratypes — in the private collections of P. Bogdanov and V. Tuzov.

Description.

Male (holotype). Forewing length is 26 mm (22-26 mm in the type series). Ground color of the upperside dark brown, darker in the discal cell, where the intensive androconial area is present. Postdiscal band contrasting, tawny-yellow, rather plane, slightly narrowing to the inner border and near the vein M3. Two rounded black ocelli with white dot in the center are displayed on the postdiscal band. The lower dot larger, than the upper one. Two small white spots are situated between black ocelli in the cells M2 —M3 and M3 — Cul. Fringes light-grey. Ground color of the hindwing upperside also dark brown, but slightly lighter than the forewings. The postdiscal band rather wide (up to 8 mm) and has the same color as one on the forewing. Very small white spot with a black ring around it is displayed in cell Cu2—A2 near the anal angle of the postdiscal band. Fringes almost white. Ground color of the hindwing underside is brown-grey with numerous black-brown strokes and two dark curved lines as projection of the postdiscal band on the hindwing upperside. Androconial scales have onion shape and very thick at the base, with slight tassel at the end.

The male's genitalia similar to *P. schahrudensis* Staudinger and seems to have no diagnostic significance.

Female. FW length is 27 mm (27-30 mm in the type series). Ground color of the upperside of both wings and postdiscal band similar to the male. Postdiscal band of the forewing upperside has the narrowing at vein M3 and in the cell Cu2 —A2. Fringes of both wings almost white. Color and marking of the underside hindwings are the same, as male.

Variations. The size of the rounded black ocelli is variable. Postdiscal band of the hindwing has sometimes two small white spots with black rings around them.

Diagnosis. New species similar by morphology to *P. schahrudensis* and differs mainly by the form of

postdiscal band on forewings (the band in *P. schahrudensis* has a large interval in the cells M2-M3 and M3-Cu1) (Gross, 1978). This feature of *P. nukatli* is slightly similar to *P. alpina* Staudinger and *P. guriensis* Staudinger, inhabiting in the Major Caucasus Mts. (Nekrutenko, 1990; Tuzov et al., 1997). *P. nukatli* differs from both last species by darker ground color of its forewings upper-side, almost white fringes of both wings, another form of androconial scales and more contrast marking on the hindwing underside.

Biology. Flight period: middle of July till beginning of September. Inhabits rocky slopes of the Nukat' Mts. about 2000 m a.s.l. In this biotope it flies together with *P. guriensis*. The species is known from type locality only.

Etymology. Toponimical name.

Acknowledgments

Thanks to V. Tuzov and I. Cherniak for valuable support in the course of this work.

References

- Gross, F. J. 1978. Beitrag zur Systematik von Pseudochzara-Arten (Lepidoptera, Satyridae). *Atalanta*. 9: 41 - 103.
- [Nekrutenko, Yu. P.] 1990. Дневные бабочки Кавказа: Семейства Papilionidae, Pieridae, Satyridae, Danaidae. Определитель. [The butterflies of the Caucasus. The families Papilionidae, Pieridae, Satyridae, Danaidae. A guide]. Kiev: 215 pp. (Russian).
- Tuzov, V. K., Bogdanov, P. V., Devyatkin, A. L., Kaabak, L. V., Korolev, V. A., Murzin, V. S., Samodurov, G. D., Tarasov, E. A. 1997. Guide to the butterflies of Russia and adjacent territories. Vol. 1. Hesperidae, Papilionidae, Pieridae, Satyridae. Sofia — Moscow. Pensoft, 480 pp., 79 cpls.

Address of the author:

Pavel V. Bogdanov
Vavilova Str., 57, Moscow, 117292, RUSSIA