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***Clepsis trifasciata* sp. n. with notes on some Lepidoptera Tortricidae
from Kirgizstan**

Abstract - A new species of tortricid moth, *Clepsis trifasciata* sp. n., from Kadzhi-Sai, Issik-Kul province (Kirgizstan) is described. Externally the new species is characterised by its wing pattern, whilst the male genitalia is close to *Clepsis violacea* Razowski, 1966, which is widely distributed in the Mongolian steppe region, and to *Clepsis laetitiae* Soria, 1997, from Aranjuez (Central Spain). Moreover, some notes on some interesting tortricid moths which were collected in the mountainous localities of Kirgizstan are reported.

Riassunto - *Clepsis trifasciata* sp. n. con note su alcuni lepidotteri tortricidi del Kirgizstan

Viene descritta *Clepsis trifasciata* sp. n., una nuova specie di Lepidoptera Tortricidae, trovata in Kirgizstan a Kadzhi-Sai, nella provincia di Issik-Kul. La presenza di tre fasce alari è una caratteristica tipica della nuova specie, mentre negli apparati genitali maschili è simile a *Clepsis violacea* Razowski, 1966, presente nelle steppe della Mongolia, e a *Clepsis laetitiae* Soria, 1997, raccolta ad Aranjuez (Spagna centrale). Inoltre si riportano brevi note faunistiche su alcuni interessanti tortricidi trovati in località montane del Kirgizstan.

Key words: Lepidoptera Tortricidae, *Clepsis trifasciata*, new species, Kirgizstan, fauna.

INTRODUCTION

In the present paper rare and interesting Tortricidae (Lepidoptera) are reported as found in amongst material collected in the mountainous localities of Kirgizstan, taken in 2000, by Sergei V. Churkin (Moscow, Russia), moreover, *Clepsis trifasciata* sp. n. is described. Externally, the new species is characterized by the typical wing coloration in the fasciae; the genitalia of *C. trifasciata* is similar to that of *C. violacea* Razowski, 1966, which is widely distributed in the Mongolian steppe region, and to *C. laetitiae* from Aranjuez, Central Spain (Razowski, 1979 and 2002; Soria, 1997).

Amongst other tortricids of particular interest were: *Cochylimorpha pirizanica* Razowski, 1963, *Cochylimorpha woliniana* (Schleich, 1868), *Eana samarcandae* Razow-

ski, 1958, *Cnephasia cupressivorana* (Staudinger, 1871), *Cnephasia longana* (Haworth, [1811]), *Pandemis cinnamomeana* (Treitschke, 1830), *Celypha ermolenkoi* Kostyuk, 1980, *Pelochrista medullana* (Staudinger, 1879) and *Eucosma lugubrana* (Treitschke, 1830) (Kuznetsov, 1989; Razowski, 2002, 2003 and 2009; Brown, 2005; Alipanah, 2009; Trematerra, 2010).

LIST OF TAXA

LEPIDOPTERA TORTRICIDAE

SUBFAMILY TORTRICINAE

Tribe Cochylini

Phtheochroa inopiana (Haworth, [1811])

MATERIAL EXAMINED: 3 males, Kirgizstan, Suusamyр mts., Kokemerer n, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.; 1 male and 1 female, Kirgizstan, E Suusamyр mts., Kovjuksu r., 1650m, Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: Palaearctic: ranging from the Iberian Peninsula and the British Isles to Japan.

Cochylimorpha asiana (Kennel, 1899)

MATERIAL EXAMINED: 1 male, Kirgizstan, S. Issyk-kul L., Kadzhi-Sai v., 1.07.00, 1800m, S. Churkin leg.

DISTRIBUTION: SE Europe: Ukraine and Russia; NW Africa: Libya; Caucasus; Turkmenistan; from Kazakhstan to Central Asia and Mongolia; Iran; Afghanistan; China.

Cochylimorpha pirizanica Razowski, 1963

MATERIAL EXAMINED: 1 female, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.; 2 females, (Kirgizstan) Fergana valley, 27km S. Osh, 19.07.2000, 1200m S. Churkin leg.

DISTRIBUTION: Iran: Fars Province, Pirezan and Muk road.

Cochylimorpha woliniana (Schleich, 1868)

MATERIAL EXAMINED: 1 female, Kirgizstan, S. Issyk-kul L., Kadzhi-Sai v., 1.07.00, 1800m, S. Churkin leg.

DISTRIBUTION: Known from Europe, mainly from its southern and middle parts, S Russia.

Phalonidia contractana (Zeller, 1847)

MATERIAL EXAMINED: 1 male, Kirgizstan, S. Toktogul L., 15km NE Karakul v., 1300-1400m, 17.06.2000, S. Churkin leg.; 2 males, Kirgizstan, South Chatkal, 5km. E

Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.

DISTRIBUTION: Widely distributed in Southern and Central Europe, found also in Asia Minor, Israel; Iran; Afghanistan; Kashmir; China (Xinjiang).

Agapeta hamana (Linnaeus, 1758)

MATERIAL EXAMINED: 1 female, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650m, 29.06.2000, S. Churkin leg.; 1 male and 1 female, Kirgizstan, E Suusamy r., Kovjuksu r., 1650m, Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: Throughout the west Palaearctic region, excluding the southern areas, north to 66°, Europe (from Iberian Peninsula to Ural Mts): W and S Siberia; Caucasus; Kazakhstan; Transcaucasia; Asia Minor; C Asia; Iran; Afghanistan; Mongolia; W China; N India.

Eupoecilia sanguisorbana (Herrich-Schäffer, 1860)

MATERIAL EXAMINED: 1 male, Kirgizstan, Suusamy r., Kokemer r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Europe (excluding southern areas) from France to Scandinavia and Romania; E Europe to Ural Mts; W Kazakhstan; China (Heilongjiang).

Aethes xanthina Falkovitsh, 1963

MATERIAL EXAMINED: 1 female, Kirgizstan, Suusamy r., Kokemer r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.; 1 female, Kirgizstan, E Suusamy r., Kovjuksu r., 1650m., Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: SE Europe (Ural Mts); Kazakhstan; Turkmenia; Tadjikistan; Uzbekistan; Iran.

Aethes dilucidana (Stephens, 1852)

MATERIAL EXAMINED: 1 male and 1 female, Kirgizstan, South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.; 1 female, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650m, 29.06.2000, S. Churkin leg.

DISTRIBUTION: NW Africa (Algeria); Europe; S Siberia; Kazakhstan; Turkmenia.

Aethes bilbaensis (Rössler, 1877)

MATERIAL EXAMINED: 1 male, Kirgizstan, South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.; 1 female, Kirgizstan, SE Toktogul L, Sargata v., 10.07.1999, 1100m, leg. S. Churkin.

DISTRIBUTION: NW Africa; Europe (from Iberian Peninsula to Greece and S Ural Mts); Asia Minor, N Lebanon; Iran; Crimea; Caucasus; Transcaucasia; W Kazakhstan; Afghanistan; Turkmenia.

Cochylidia moguntiana (Rössler, 1864)

MATERIAL EXAMINED: 3 males and 3 females, Kirgizstan, S. Issyk-kul L., Kadzhi-Sai v., 1.07.00, 1800m, S. Churkin leg.

DISTRIBUTION: Europe from Spain to Balkan Peninsula, C Europe to Ural Mts; Siberia, Buryatya, Chita; Afghanistan; China; N Pakistan.

Cochylis posterana Zeller, 1847

MATERIAL EXAMINED: 1 female, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.; 1 male, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.

DISTRIBUTION: Europe, Ukraine, European Russia east as far as Transkaspiya.

Cochylis piana (Kennel, 1919)

MATERIAL EXAMINED: 1 male, Kirgizstan, Suusamyr mts., Kokemeren r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Kazakhstan; Tadjikistan; Uzbekistan; Mongolia; Iran; Afghanistan; C Asia; Tadjikistan; Djarkent; China (Shaanxi, Sinjiang).

Cochylis amoenana Kennel, 1899

MATERIAL EXAMINED: 1 male and 2 females, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.

DISTRIBUTION: Asia Minor; N Caucasus; Transcaucasia; Tadjikistan; Afghanistan; Pakistan; Iran.

Tribe Cnephasiini*Eana samarcandae* Razowski, 1958

MATERIAL EXAMINED: 1 male and 1 female, Kirgizstan, S. Toktogul L., 15km NE Karakul v., 1300-1400m, 17.06.2000, S. Churkin leg.; 4 males and 8 females, Kirgizstan South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.

DISTRIBUTION: Recorded from Samarkand (Uzbekistan).

Cnephasia cupressivorana (Staudinger, 1871)

MATERIAL EXAMINED: 1 female, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.; 1 female, Kirgizstan, Inn. Tian-Shan, Naryn r. vall, Kazarman vic., 1400m., 21.07.2000, S. Churkin leg.

DISTRIBUTION: S Europe and Asia Minor.

Cnephasia longana (Haworth, [1811])

MATERIAL EXAMINED: 1 female, Kirgizstan, SE Toktogul L, Sargata v., 10.07.1999, 1100m, leg. S. Churkin.

DISTRIBUTION: Europe and east to western European Russia.

Tribe Archipini*Archips betulanus* (Hübner, [1787])

MATERIAL EXAMINED: 1 female, Kirgizsky, Mts S.slopes, Karakol r., Balyktyr., 2300m, 13.07.1999, leg. S. Churkin.

DISTRIBUTION: Palaearctic species, probably excl. the south.

Archips rosanus (Linnaeus, 1758)

MATERIAL EXAMINED: 2 males, Kirgizstan, Tash-kumyr v., 1000m., 18.06.2000, S. Churkin leg.; 1 female, Kirgizstan, South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.

DISTRIBUTION: Palaearctic species, introduced to North America.

Pandemis cinnamomeana (Treitschke, 1830)

MATERIAL EXAMINED: 2 females, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.

DISTRIBUTION: From W Europe to Ural Mts; Siberia; Mongolia; Russian Far East; NW China; Korea; Japan.

Pandemis chondrillana (Herrich-Schäffer, 1860)

MATERIAL EXAMINED: 1 female, Kirgizstan, S. Toktogul L., 15km NE Karakul v., 1300-1400m, 17.06.2000, S. Churkin leg.

DISTRIBUTION: Europe, known from France, Romania, Bulgaria; Ukraine and southern part of European Russia; Asia Minor; Iran; Afghanistan; Kazakhstan through Siberia, Mongolia, C Asia and NW China.

Clepsis moeschleriana (Wocke, 1862)

MATERIAL EXAMINED: 1 male, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.

DISTRIBUTION: Europe (Polar Ural), Altai Mts, in Nearctics spread from Labrador to Alaska, other parts of Canada, USA.

Clepsis praeclarana (Kennel, 1899)

MATERIAL EXAMINED: 1 female, Kirgizstan, S. Issyk-kul L., Kadzhi-Sai v., 1.07.00, 1800m, S. Churkin leg.

DISTRIBUTION: SE Europe; Georgia; SW Siberia, Saisan and Mongolia.

Clepsis neglectana (Herrich-Schäffer, 1851)

MATERIAL EXAMINED: 5 males and 1 female, Kirgizstan, Suusamyr mts., Kokemeren r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.; 1 male, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.

DISTRIBUTION: Europe; N Africa; Cyprus; Lebanon; C Asia reaching Kyrgyzstan and Tuva.

Clepsis trifasciata sp. n.

MATERIAL EXAMINED: 1 male, holotype, labelled as follows: Kirgizstan, S Issik-Kul L., Kadzhi-Sai v., 1.07.2000, 1800 m, S. Churkin leg.; paratype, 1 male with same label.

ADULT: Wing expanse: male 18-19 mm (Fig. 1). Antennae greenish-brown. Labial palpi cream spotted light brown. Frons and vertex brownish-cream. Thorax and tegula brownish sprinkled with cream. Ground colour of forewing creamy-white. Markings are distinct; brownish with a greenish hue; basal blotch sub-triangular, median fascia parallel to the last mentioned, terminal fascia confluent with median fascia on to tornus. Cilia concolorous with the colour of the markings, being browner at the apex and at the tornus. Hindwing whitish, browner on the periphery, cilia concolorous with the wing base.

MALE GENITALIA: shown in figures 2-4. Uncus broad ovate; tegumen broad; arm of gnathos fairly slender except for terminal portion, termination strong. Distal part of valva short, sinuated. Sacculus strongly sclerotized, provided with two ventral prominences: one long situated postbasally, the second smaller and ill-defined terminally. Labis with strong dentate part. Aedeagus broad and long armed with dorsal denticles accompanied by small proximal spines, terminal part slender curved downwards. Cluster of small spines and one very thin cornutus present.

FEMALE GENITALIA: Unknown.

DISTRIBUTION: Known only from the type locality: Kadzhi-Sai, Issik-Kul province (Kirgizstan).

HOST: Unknown.

BIOLOGY: Moths collected on early July at the altitude 1800 m.

REMARKS: Fore-wings present fasciae in *C. trifasciata*, which in *C. violacea* are unicolorous; ochre with a weak pinkish-violet hue, whereas in *C. laetitia* the forewing ground colour is ferruginous-yellow with darker shades, these markings are much darker being a brownish-rust edged with refractive spots (Razowski, 1979 and 2002; Soria, 1997).

The male genitalia of *C. trifasciata* is similar to that of *C. violacea* which is widely distributed in the steppes of Mongolia and to *C. laetitia* from Central Spain. However, they differ in the sacculus, in the distal margin of the valvae, and in the aedeagus. The sacculus in *C. trifasciata* is similar in shape to *C. violacea* and *C. laetitia*, but the ventral post-basal prominence is stronger. The distal part of the valves are sinuate in *C. trifasciata* and in *C. violacea* whilst they are convex in *C. laetitia*. In contrast to *C. violacea*, the aedeagus is longer in *C. trifasciata*.

The type specimens of *C. trifasciata* are deposited in the Trematerra Collection, University of Molise, Campobasso, Italy.

ETYMOLOGY: The new species is named according to its characteristic wing pattern.



Fig. 1 - *Clepsis trifasciata* sp. n.: holotype, adult.

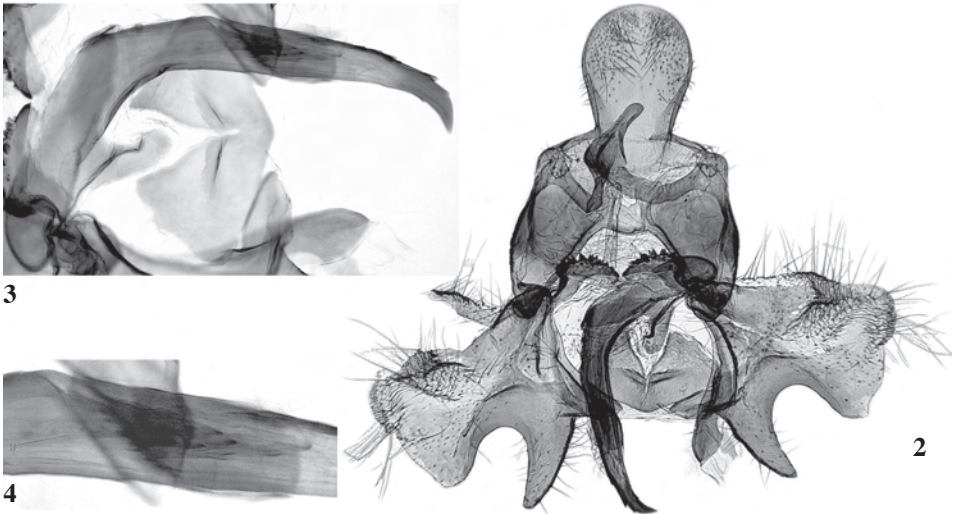


Fig. 2-4 - *Clepsis trifasciata* sp. n.: holotype, genitalia (1-4) (2), aedeagus (3-4).

SUBFAMILY OLETHREUTINAE

Tribe Bactrini

Bactra bactrana (Kennel, 1901)

MATERIAL EXAMINED: 1 male, Kirgizstan, Suusamyr mts., Kokemerer r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Canary Is; S Spain; S Italy; Morocco; Algeria; Malta; Egypt; Asia Minor; Arabia; Mesopotamia; Iraq; Iran; Caucasus; Afghanistan; Caspian area; Tadjhikistan; Uzbekistan; Pakistan; India; Ethiopian regions.

Tribe Olethreutini

Celypha ermolenkoi Kostyuk, 1980

MATERIAL EXAMINED: 1 female, Kirgizstan, E Suusamyr mts., Kovjuksu r., 1650m, Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: Ukraine, Crimea.

Celipha cespitana (Hübner, [1814-1817])

MATERIAL EXAMINED: 2 males, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.; 1 male and 3 females, Kirgizstan, South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.; 10 males, Kirgizstan, Suusamyr mts., Kokemerer r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.; 1 male, Inn. Tian-Shan Naryn r. vall, Kazarman vic., 1400m., 21.07.2000, S. Churkin leg.

DISTRIBUTION: W Europe to Ural Mts; Transcaucasia; Asia Minor; Near East; Iran; Russia (Siberia, C Asia, Cisbaikal, Tuva, Far east: Primorsk); NE China (Manchuria); Korea; Japan (Hokkaido, Honshu); Noth America.

Tribe Eucosmini

Thiodia torridana (Lederer, 1859)

MATERIAL EXAMINED: 2 females, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.

DISTRIBUTION: Europe; Transcaucasia; Asia Minor; Kazakhstan; Turkmenia; Russia (S Siberia, Amur-Zeya area, Priamure, S Primorsk, S Sakhalin, Kuril Is).

Thiodia lerneana (Treitschke, 1835)

MATERIAL EXAMINED: 3 females, Kirgizstan, Suusamyr mts., Kokemerer r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Spain, Italy, Austria to Hungary and Balkan Peninsula, southern parts of E Europe; Transural; Kazakhstan; Turkmenia.

Epinotia thapsiana (Zeller, 1847)

MATERIAL EXAMINED: 1 male, Kirgizstan, Suusamyr mts., Kokemeren r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Canary Is; southern and median belts of Europe to E European Russia; Transcaucasia; Asia Minor; Iran; S Siberia; Kazakhstan; Tadzhikistan; Turkmenia; Korea.

Pelochrista medullana (Staudinger, 1879)

MATERIAL EXAMINED: 2 males, Kirgizstan, Toktogul area, Karasù L., 2100m, 16.06.2000, S. Churkin leg.; 1 male, Kirgizstan, Suusamyr mts., Kokemeren r, 5km N Kyzyl-Oi, 1800m, 24-25.06.2000, S. Churkin leg.

DISTRIBUTION: Balkan Peninsula, Asia Minor and Iran.

Eucosma lugubrana (Treitschke, 1830)

MATERIAL EXAMINED: 1 female, Kirgizstan, E Suusamyr mts., Kovjuksu r., 1650m, Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: Europe from France to Hungary, SE Europe and Greece; Kazakhstan.

Eucosma conterminana (Guenée, 1845)

MATERIAL EXAMINED: 2 males and 12 females, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650m, 29.06.2000 S. Churkin leg.; 2 females, (Kirgizstan) Fergana valley, 27km S. Osh 19.07.2000, 1200m, S. Churkin leg.

DISTRIBUTION: Europe from Portugal to Caucasus, Ural Mts; Transcaucasia; Asia Minor; Iran; Kazakhstan; C Asia; S Siberia; Mongolia; Far East; China.

Eucosma metzeneriana (Treitschke, 1830)

MATERIAL EXAMINED: 1 male, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.; 1 male, Kirgizstan, Inn. Tian-Shan Naryn r. vall, Kazarman vic., 1400m., 21.07.2000, S. Churkin leg.

DISTRIBUTION: N Africa; W E Europe; Trascaucasus; Asia Minor; Iran; Kazakhstan; C Asia; Mongolia; Russia (Siberia, Far East); China; Korea; Japan.

Eucosma ephedrana (Christoph, 1877)

MATERIAL EXAMINED: 1 male, Kirgizstan, S. Issyk-kul L., Kadzhi-Sai v., 1.07.00, 1800m S. Churkin leg.

DISTRIBUTION: Trans-Caucasus; C Asia; Iran; Afghanistan.

Eucosma pupillana (Clerck, 1759)

MATERIAL EXAMINED: 1 male, Kirgizstan, S. Toktogul L., 15km NE Karakul v., 1300-1400m, 17.06.2000, S. Churkin leg.; 2 males, Kirgizstan, South Chatkal, 5km. E Aflatun v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.; 1 female, Kirgizstan, S Issyk-Kul L., Ottuk v, 1650, 29.06.2000, S. Churkin leg.

DISTRIBUTION: Europe, Ural Mts; Asia Minor; Iran; Kazakhstan; Tadzhikistan.

Gypsonoma oppressana (Treitschke, 1835)

MATERIAL EXAMINED: 1 male, Kirgizstan, E Suusamyr mts., Kovjuksu r., 1650m, Kyzyl-Oi, 26.07.00, S. Churkin leg.

DISTRIBUTION: Europe; Transcaucasia; Kazakhstan; Tadjhikistan.

Epiblema foenellum (Linnaeus, 1758)

MATERIAL EXAMINED: 1 female, Kirgizstan, South Chatkal, 5km. E Aflatan v., Karasu r., 1350m, 19.06.2000, S. Churkin leg.

DISTRIBUTION: Europe, S Russia; Caucasus; Siberia; Kazakhstan; C Asia; Mongolia; Russian far east; China (Manchuria, Kuansien, Zhejiang); Korea; Japan; India; China; Taiwan; Vietman.

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REFERENCES

- ALIPANAH H., 2009 - Synopsis of the Cochylini (Tortricidae: Tortricinae: Cochylini) of Iran, with the description of a new species. - *Zootaxa*, 2245: 1-31.
- BROWN J.W., 2005 - Tortricidae (Lepidoptera). In: *World Catalogue of Insects 5*. - Apollo Book Aps, Stenstrup, Denmark: 1-741.
- KUZNETSOV V.I., 1989 - Family Tortricidae (Olethreutidae, Cochyliidae) - Tortricid Moths. In: Medvedev G.S., *Keys to the insects of the European Part of the USSR, Volume IV, Lepidoptera, Part I*. - E.J. Brill, Leiden: 279-991.
- RAZOWSKI J., 1979 - Revision of the Genus *Clepsis* Guenée (*Lepidoptera, Tortricidae*). Part I. - *Acta Zool. Cracov.*, XXIII (8): 101-198.
- RAZOWSKI J., 2002 - Tortricidae (*Lepidoptera*) of Europe, Volume 1, *Tortricinae* and *Chlidanotinae*. - Publisher Frantisek Slamka, Bratislava: 1-247.
- RAZOWSKI J., 2003 - Tortricidae of Europe. Volume 2. *Olethreutinae*. - Frantisek Slamka, Bratislava: 1-301.
- RAZOWSKI J., 2009 - Tortricidae of the Palaearctic Region, Volume 2, Cochylini. - Frantisek Slamka, Bratislava: 1-195.
- SORIA S., 1997 - *Clepsis laetitiae* sp.n., una nueva especie del género *Clepsis*, Guenee, 1845 (*Lep. Tortricidae*) en Aranjuez (España). - *Bol. San. Veg. Plagas*, 23: 63-71.
- TREMATERRA P., 2010 - Lepidoptera Tortricidae from SE European Russia with description of *Ceratoxanthus saratovica* sp. n. - *J. Entomol. Acarol. Res. Ser. II*, 42 (1): 19-26.

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