

رده‌بندی و انتشار گونه‌ها و زیر گونه‌های جنس
Zygaena Fabricius, 1775, (Lepidoptera: Zygaenidae)
در ایران

نگارش

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چکیده:

در این مقاله گونه‌ها و زیرگونه‌های متعلق به جنس *Zygaena Fabricius* در ایران به همراه مناطق انتشار آنها در کشور ارائه شده است. جمعاً ۲۳ گونه در ایران دیده میشود که از آن میان ۷ گونه مختص این کشور هستند. بقیه نیز اکثراً دارای زیرگونه‌های اختصاصی ایران میباشند.

نشانی نگارندگان:

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**The systematics and distribution of *Zygaena* Fabricius,
1775 (Lepidoptera: Zygaenidae) in Iran**

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Introduction

Twenty-three species of *Zygaena* Fabricius, 1775, are known to occur in Iran; of these, seven are endemic, while the remainder, although extra-limital, are represented mostly by endemic subspecies.

Zoogeography

Endemic species

Z. (Mesembryus) seitzi nocturna Ebert, 1974

Z. (M.) seitzi Reiss, 1938

Z. (M.) cacuminum Christoph, 1877

Z. (M.) speciosa Reiss, 1937

Z. (Agrumenia) escalerae thomasonum Naumann & Racheli 1978

Z. (A.) escalerae saadii Reiss, 1938

Z. (A.) escalerae escalerae Pujade, 1900

Z. (A.) chirazica chirazica Reiss, 1938

Z. (A.) chirazica eckweileri Naumann & Naumann, 1980

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- Z. (Zygaena) christa* Reiss & Schulte, 1967
Z. (Z.) ecki ecki Christoph, 1882
Z. (Z.) ecki schwingenschussi Reiss, 1937

Extra-limital species represented in Iran by endemic subspecies

- Z. (Mesembryus) rubricollis escaleriaiana* Holik, 1958
Z. (M.) rubricollis qashqai Tremewan, 1975
Z. (M.) rubricollis askarii Tremewan, 1975
Z. (M.) rubricollis fredii Reiss, 1938
Z. (M.) rubricollis kermanensis Tremewan, 1975
Z. (M.) rubricollis taftanica Reiss, 1960
Z. (M.) manlia isfahanica Tremewan, 1975
Z. (M.) manlia aisha Naumann & Naumann, 1980
Z. (M.) manlia belutschistani Koch, 1941
Z. (M.) tamara kerendica Reiss, 1978
Z. (M.) tamara fahima Naumann & Naumann, 1980
Z. (M.) tamara kendevarica Tremewan, 1977
Z. (M.) haematina firuzica Reiss, 1981
Z. (M.) haematina haematina Kollar, 1849
Z. (M.) cambysea hafis Reiss, 1938
Z. (M.) minos persica Burgeff, 1926
Z. (Agrumenia) rosinae brandti Reiss, 1937
Z. (A.) rosinae cyrus Tremewan, 1975
Z. (A.) rosinae xerxes Tremewan, 1975
Z. (A.) rosinae kermana Naumann & Naumann, 1980
Z. (A.) rosinae sengana Holik & Sheljuzhko, 1956
Z. (A.) truchmena esseni Blom, 1973
Z. (A.) haberhaueri elbursica Tremewan, 1975
Z. (A.) carniolica demayendi Holik, 1936
Z. (A.) carniolica transiens Staudinger, 1887
Z. (Zygaena) loti suleimanica Reiss, 1937
Z. (Z.) dorycnii keredjensis Reiss, 1937

Extra-limital species represented in Iran by subspecies described from there but whose range extends beyond

Z. (Mesembrynus) manlia manlia Lederer, 1870

Z. (M.) tamara mahabadica Reiss, 1978

Z. (M.) cuvieri cuvieri Boisduval, (1828)

Z. (M.) cambysea cambysea Lederer, 1870

Extra-limital species represented in Iran by subspecies described from elsewhere

Z. (Mesembrynus) manlia turkmenica Reiss, 1933

Z. (M.) tamara tamara Christoph, 1889

Z. (M.) minos smirnovi Christoph, 1884

Z. (Zygaena) viciae burgeffiana Reiss, 1930

Z. (Z.) filipendulae kulpiensis Reiss, 1935

Z. (Z.) lonicerae abbastumana Reiss, 1922

***Zygaena (Mesembrynus) seitzi* Reiss, 1938**

Zygaena (Coelestis) seitzi Reiss, 1938, Ent. Rdsch. **55**: 291, figs d4, e1.

***Zygaena (Mesembrynus) seitzi nocturna* Ebert, 1974**

Zygaena (Mesembrynus) nocturna Ebert, 1974, Beitr. naturk. Forsch. SüdwDtl. **33**: 164, figs 2-6.

Type-locality. Iran: Fars, 50 km NW. of Ardakan [Sepidan], 2250 m.

Distribution. Central Zagros mountains

***Zygaena (Mesembrynus) seitzi seitzi* Reiss, 1938**

Zygaena (Coelestis) seitzi Reiss, 1938, Ent. Rdsch. **55**: 291, figs d4, e1.

Type-locality. Iran: Fars, road from Shiraz to Kazerun, near Dasht-e Arzhan, Fort-Sine Sefid, 2200m.

Distribution. Southern Zagros mountains

***Zygaena (Mesembrynus) rubricollis* Hampson, 1900**

Zygaena rubricollis Hampson, 1900, J. Bombay nat. Hist. Soc. **13**: 224, pl. B, fig. 9.

***Zygaena (Mesembrynus) rubricollis kermanensis* Tremewan, 1975**

Zygaena (Mesembrynus) manlia kermanensis Tremewan, 1975, Entomologist's Gaz. **26**: 240.

Type-locality. Iran: Kerman, SW. of Kerman, Gardaneh-ye Khaneh Sorkh, 2440 m.

Distribution. Known only from type-locality.

***Zygaena (Mesembrynus) rubricollis taftanica* Reiss, 1960**

Zygaena manlia taftanica Reiss, 1960, Ent. Z. Frankf. a. M. **70**: 76,78, figs 1,2,4a,4b.

Type-locality. Iran: Sistan Va Baluchestan Khash, Kuh-e Taftan, 3800-4000m.

Distribution. Sistan Va Baluchestan.

***Zygaena (Mesembrynus) rubricollis escaleraiana* Holik, 1958**

Zygaena (Coelestis) seitzi escaleraiana Holik, 1958, Ent. Z. Frankf. a. M. **68**: 17.

Type-locality. Iran: Khuzestan, upper reaches of the Karun River (Haut-Kharoum, Chindaar vallée).

Distribution. Khuzestan.

***Zygaena (Mesembrynus) rubricollis qashqai* Tremewan, 1975**

Zygaena (Mesembrynus) manlia qashqai Tremewan, 1975, Entomologist's Gaz. **26**: 236, pl. 6, figs 1-5.

Type-locality. Iran: Fars, N. of Safa Shahr (Deh Bid,) Gardaneh-ye Kowli Kosh (N. side), 2260m.

Distribution. Fars (Gardaneh-ye Kowli Kosh region).

***Zygaena (Mesembrynus) rubricollis askarii* Tremewan, 1975**

Zygaena (Mesembrynus) manlia askarii Tremewan, 1975, Entomologist's Gaz. **26**: 239.

Type-locality. Iran: Fars, S. of Deh Bid (Safa shahr) S. side of Gardaneh-ye Ghader Abad, 2135m.

Distribution. Fars (Gardaneh-ye Ghader Abad region).

***Zygaena (Mesembrynus) rubricollis fredii* Reiss, 1938**

Zygaena (Peristygia) fredii Reiss, 1938 Ent. Rdsch. **55**: 290, fig. d3.

Type-locality. Iran: Fars, road from Shiraz to Kazerun, near Dasht-e Arzhan, «Fort Sine Sefid», 2200 m.

Distribution. Fars (Dasht-e Arzhan region).

Zygaena (Mesembrynus) manlia Lederer, 1870

Zygaena manlia, 1870, Horae Soc. ent. ross. **6** (1869): 87, pl. 5, fig. 7.

***Zygaena (Mesembrynus) manlia isfahanica* Tremewan, 1975**

Zygaena (Mesembrynus) excellens isfahanica Tremewan, 1975, Entomologist & Gaz. **26**: 242, pl. 6, figs 6-10.

Type-locality. Iran: Esfahan, N. of Esfahan, pass (N. side) NW. of Meymeh, 2135 m.

Distribution. Esfahan, northern Fars.

***Zygaena (Mesembrynus) manlia aisha* Naumann & Naumann, 1980**

Zygaena (Mesembrynus) manlia aisha Naumann & Naumann, 1980, Mitt. ent. Ges. Basel (N.F.) **30**: 49, figs 11,12.

Type-locality. Iran: Kerman, Bam, Deh Bakri, 2000-2500 m.

Distribution. Known only from type-locality

***Zygaena (Mesembrynus) manlia belutschistani* Koch, 1941**

Zygaena manlia belutschistani Koch, 1941, Mitt. münch. ent. Ges. **31**: 563.

Type-locality. Iran: Sistan Va Baluchestan, Khash, Kuh-e-Taftan, 2500 m.

Distribution. Sistan Va Baluchistan.

Zygaena (Mesembrynus) manlia manlia Lederer, 1870

Zygaena manlia Lederer, 1870, Horae Soc. ent. ross. **6** (1869): 87, pl. 5, fig. 7.

Zygaena manlia schahrudensis Koch, 1941, Mitt. Münch. ent. Ges. **31**: 563.

Type-locality. Iran: Mazandaran, Gorgan (Astrabad), Hajiabad.

Distribution. Alborz mountains.

***Zygaena (Mesembrynus) manlia turkmenica* Reiss, 1933**

Zygaena (Coelestis) manlia turkmenica Reiss, 1933, Int. ent. Z. **26**: 490, pl. figs.

Type-locality. Turkmenistan: Kopet-Dag (' Achal-Tekke-Gebiet), Jablonowka, 2000m.

Distribution. Khorassan.

***Zygaena (Mesembrynus) cacuminum* Christoph, 1877**

Zygaena cacuminum, Christoph, 1877, Horae Soc. ent. ross. **12**: 243, pl. 6, fig. 17.

Type-locality. Iran: Mazandaran/Semnan, Shah Kuh, 3400 m.

Distribution. Known only from type-locality.

***Zygaena (Mesembrynus) speciosa* Reiss, 1937**

Zygaena (Peristygia) speciosa Reiss, 1937, Ent. Rdsch. **54**: 466, figs. a2, b2, c2.

Zygaena (Peristygia) speciosa suleimanicola Reiss, 1938, Mitt. Münch. ent. Ges. **27** (1937): 165.

Type-locality. Iran: Alborz mountains, Mazandaran, Hessarchal valley, 2800-3200m.

Distribution. Central Alborz mountains.

***Zygaena (Mesembrynus) tamara* Christoph, 1889**

Zygaena tamara Christoph, 1889, Horae Soc. ent. ross. **23**: 300.

***Zygaena (Mesembrynus) tamara tamara* Christoph, 1889**

Zygaena tamara Christoph, 1889, Horae Soc. ent. ross. **23**: 300.

Zygaena tamara daemon Christoph, 1893, Dt. ent. Z. Iris **6**: 88.

Type-locality. Azarbaijan: Nakhichevan, Ordubad.

Distribution. Azarbaijan-e Sharghi.

***Zygaena (Mesembrynus) tamara mahabadica* Reiss, 1978**

Zygaena (Mesembrynus) tamara mahabadica Reiss, 1978, Atalanta, Würzburg **9**: 348, pl. 2, figs. 11-14.

Type-locality. Iran: Azarbaijan-e Gharbi, Mahabad, 1300m.

Distribution. Azarbaijan-e Gharbi. Kordestan.

***Zygaena (Mesembrynus) tamara kerendica* Reiss, 1978**

Zygaena (Mesembrynus) tamara kerendica Reiss, 1978, *Atalanta, Würzburg* **9**: 353, pl. 2, figs. 19, 20.

Zygaena (Mesembrynus) tamara bijarica Reiss, 1978, *Atalanta, Würzburg* **9**: 352, pl. 2, figs. 17, 18.

Type-locality. Iran: Kermanshahan, Kerend, Biranij. „

Distribution. Kordestan; Kermanshahan.

***Zygaena (Mesembrynus) tamara fahima* Naumann & Naumann, 1980**

Zygaena (Mesembrynus) tamara fahima Naumann & Naumann, 1980, *Mitt. ent. Ges. Basel (N.F.)* **30**: 50, figs. 15, 16.

Type-locality. Iran: Lorestan; Dow Rud/Saravand, 2000-2300 m.

Distribution. Known only from type-locality.

***Zygaena (Mesembrynus) tamara kendeivanica* Tremewan, 1977**

Zygaena (Mesembrynus) tamara kendeivanica Tremewan, 1977, *Entomologist & Gaz.* **28**: 225, pl. 9, figs. 4, 5.

Type-locality. Iran: Tehran, Gardaneh-ye Kandovan (1 km S. of Kandovan Tunnel) 2650 m.

Distribution. Central Alborz mountains.

***Zygaena (Mesembrynus) cuvieri* Boisduval, [1828]**

Zygaena cuvieri Boisduval, [1828] *Essai sur une Monographie des Zygènidés*: 53, pl. 3, fig. 6.

***Zygaena (Mesembrynus) cuvieri cuvieri* Boisduval, [1828]**

Zygaena cuvieri Boisduval, [1828] *Essai sur une Monographie des Zygènidés*: 53, pl. 3, fig. 6.

Type-locality. Iran: Hamadan, neighbourhood of Hamadan.

Distribution. Zagros mountains; Kordestan.

***Zygaena (Mesembrynus) haematina* Kollar, 1849**

Zygaena haematina Kollar, 1849, in Kollar & Redtenbacher, Ueber den Charakter der Insecten-Fauna von Süd-Persien: 10,12.

***Zygaena (Mesembrynus) haematina firuzica* Reiss, 1981**

Zygaena (Mesembrynus) haematina firuzica Reiss, 1981, Atalanta, Marktleüthen **12**: 373, pl.; figs. 5, 20.

Type-locality. Iran: Fars, NW. of Shiraz, road from Ardakan [Sepidan] to Tal-e Khosravi, Komehr, Kuh-e Barm Firuz, ca 3750 m.

Distribution. Fars (Kuh-e Barm Firuz region).

***Zygaena (Mesembrynus) haematina haematina* Kollar, 1849**

Zygaena haematina Kollar, 1849, in Kollar & Redtenbacher, Ueber den Charakter der Insecten-Fauna von Süd-Persien: 10,12.

Type-locality. Iran: Fars, [neighbourhood of Shiraz].

Distribution. Fars (Shiraz region); Yasuj Kuh-e Dinar (Dena).

***Zygaena (Mesembrynus) cambysea* Lederer, 1870**

Zygaena cambysea Lederer, 1870, Horae Soc. ent. ross. **6** (1869): 86, pl. 5; fig. 6.

***Zygaena (Mesembrynus) cambysea cambysea* Lederer, 1870**

Zygaena Cambysea Lederer, 1870, Horae Soc. ent. ross. **6** (1869): 86, pl 5, fig. 6.

Type-locality. Iran: Mazandaran, Gorgan.

Distribution. Central and eastern Alborz mountains, Hamadan (Kuhba-ye Shah-e-Gulek).

***Zygaena (Mesembrynus) cambysea hafis* Reiss, 1938**

Zygaena (Mesembrynus) cambysea hafis Reiss, 1938, Ent. Rdsch. **55**: 251, figs. a1, a2.

Zygaena (Mesembrynus) smirnovi farsica Ebert, 1974, Beitr. naturk. Forsch. SüdwDtl. **33**: 163, fig. 1.

Type-locality. Iran: Fars, road from Shiraz to Kazerun, near Dasht-e Arzhan, «Fort Sine Sefid», 2200 m.

Distribution. Southern Zagros mountains.

Zygaena (Mesembrynus) minos ([Denis & Schiffermüller], 1775)

Sphinx minos [Denis & Schiffermüller], 1775 Ankündigung eines systematischen Werkes von den Schmetterlinge der Wienergegend: 45.

Zygaena (Mesembrynus) minos persica Burgeff, 1926

Zygaena smirnovi persica Burgeff, 1926, Mitt. münch. ent Ges. **16**: 15.

Type-locality. Iran: [Mazandaran, central Alborz] mountains.

Distribution. Central Alborz mountains.

Zygaena (Mesembrynus) minos smirnovi Christoph, 1884

Zygaena smirnovi Christoph, 1884, in Romanoff, Mémoires sur les Lépidoptères **1**: 108, pl. 6. figs. 6a, 6b.

Type-locality. Turkmenistan: Kopet-Dag ('Achal-Tekke-Gebiet'), Nokhur.

Distribution. North-western Khorassan.

Zygaena (Agrumenia) rosinae Korb, 1903

Zygaena rosinae Korb, 1903, Dt. ent. Z. Iris **15** (1902): 326.

Zygaena (Agrumenia) rosinae brandti Reiss, 1937

Zygaena (Coelastis) brandti Reiss, 1937, Ent. Rdsch. **55**: 30, fig. a3.

Zygaena (Coelastis) brandti nissana Reiss, 1937, Ent. Rdsch. **55**: 32.

Type-locality. Iran: Alborz mountains, Tehran, Karaj, 1800 m.

Distribution. Central Alborz mountains, Hamadan (Kuhha-ye Shah-e-Gulek).

Zygaena (Agrumenia) rosinae cyrus Tremewan, 1975

Zygaena (Agrumenia) brandti cyrus Tremewan, 1975, Entomologist & Gaz. **26**: 229.

Type-locality. Iran: Esfahan, pass (N. side) NW. of Meymeh, 2135 m.

Distribution. Northern Zagros mountains.

***Zygaena (Agrumenia) rosinae xerxes* Tremewan, 1975**

Zygaena (Agrumenia) brandti xerxes Tremewan, 1975, Entomologist's Gaz. **26**: 230.

Type-locality. Iran: Fars; S. of Deh Bid (Safa shahr) S. side of Gardaneh-ye Ghader Abad, 2135 m.

Distribution. Southern Zagros mountains.

***Zygaena (Agrumenia) rosinae kermana* Naumann & Naumann, 1980**

Zygaena (Agrumenia) sengana kermana Naumann & Naumann, 1980, Mitt. ent. Ges. Basel (N.F) **30**: 47, figs. 3, 4.

Type-locality. Iran: Kerman, Bam, Deh Bakri, 2000-2500 m.

Distribution. Known only from type-locality.

***Zygaena (Agrumenia) rosinae sengana* Holik & Sheljuzhko, 1956**

Zygaena (Coelestina) brandti sengana Holik & Sheljuzhko, 1956, Mitt. Münch. ent. Ges. **46**: 136.

Type-locality. Iran: Sistan Va Baluchestan, road from Khash to Zahedan, «Fort Sengan», 1800 m.

Distribution. Sistan Va Baluchestan.

***Zygaena (Agrumenia) escalerae* Poujade, 1900**

Zygaena escalerae Poujade, 1900, Bull. Mus. Hist. nat. Paris **6**: 68.

***Zygaena (Agrumenia) escalerae thomasorum* Naumann & Racheli, 1978**

Zygaena (Agrumenia) escalerae thomasorum Naumann & Racheli, 1978, Atalanta, Würzburg **9**: 210, figs. 6, 7.

Type-locality. Iran: Fars, 40 km E. of Neyriz.

Distribution. Known only from type-locality.

***Zygaena (Agrumenia) escalerae saadii* Reiss, 1938**

Zygaena (Agrumenia) brandti saadii Reiss, 1938, Ent. Rdsch. **55**: 310, figs. d1, d2.

Type-locality. Iran: Fars, road from Shiraz to Kazerun, near Dasht-e Arzhan, «Fort Sine sefid», 2200m.

Distribution. Fars (Shiraz region); Hamadan (Shah Pass).

Zygaena (Agrumenia) escalerae escalerae Poujade, 1900

Zygaena escalerae Poujade, 1900, Bull. Mus. Hist. nat. Paris **6**: 68.

Type-locality. Iran: Lorestan, upper reaches of the Karun river («Haut-Kharoum, Chindàar (vallée)»).

Distribution. Lorestan; Fars (Kuh-e Barm-e Firuz region), Yasuj: Kuh-ye Dinar (Dena).

Zygaena (Agrumenia) truchmena Eversmann, 1854

Zygaena truchmena Eversmann, 1854, Bull. Soc. imp. Nat. Moscou **27** (3): 184.

Zygaena (Agrumenia) truchmena esseni Blom, 1973

Zygaena esseni Blom, 1973, Ent. Ber., Amst. **33**: 168, figs.

Type-locality. Iran: Khorassan, NW. of Mashhad, Tus, 1000 m.

Distribution. Khorassan.

Zygaena (Agrumenia) chirazica Reiss, 1938

Zygaena (Agrumenia) truchmena chirazica Reiss, 1938, Ent. Rdsch. **55**: 311, figs. e2, e3.

Zygaena (Agrumenia) chirazica chirazica Reiss, 1938

Zygaena (Agrumenia) truchmena chirazica Reiss, 1938, Ent. Rdsch. **55**: 311, figs. e2, e3.

Type-locality. Iran: Fars, road from Shiraz to Kazerun, near Dasht-e Arzhan, «Fort Sine sefid», 2200m.

Distribution. Kohkiluyeh Va Buyer-Ahmad, Yasuj: Kuh-e Dinar (Dena).

Zygaena (Agrumenia) chirazica eckweileri Naumann & Naumann, 1980

Zygaena (Agrumenia) chirazica eckweileri Naumann & Naumann, 1980, Mitt. ent. Ges. Basel (N.F.) **30**: 48, figs. 7, 8.

Type-locality. Iran: Kerman, Bam, Deh Bakri, 2000-2500 m.

Distribution. Known from type-locality only.

***Zygaena (Agrumenia) haberhaueri* Lederer, 1870**

Zygaena haberhaueri Lederer, 1870, Anns Soc. ent. Belg. **13** (1869-70): 29, 45.

***Zygaena (Agrumenia) haberhaueri elbursica* Tremewan, 1975**

Zygaena (Agrumenia) haberhaueri elbursica Tremewan, 1975, Entomologist & Gaz. **26**: 233.

Type-locality. Iran: Alborz mountains, Mazandaran, Gardaneh-ye Kandavan (N. side)(5 km N. of Kandavan Tunnel), 2530m.

Distribution. Central Alborz mountains; Hamadan (Kuhha-ye Shah-e Gulek).

***Zygaena (Agrumenia) carniolica* (Scopoli, 1763)**

Sphinx carniolica Scopoli, 1763, Entomologia carniolica: 189, pl. [27], fig. 478.

***Zygaena (Agrumenia) carniolica demavendi* Holik, 1936**

Zygaena carniolica demavendi Holik, 1936, Ent. Rdsch. **54**: 7.

Zygaena (Agrumenia) carniolica vandarbanensis Reiss, 1938, Mitt. Münch. ent. Ges. **27** (1937): 168.

Type-locality. Iran: Alborz mountains, Mazandaran, east slope of Gholleh-ye Demavand, ca 3200-4000m.

Distribution. Central Alborz mountains.

***Zygaena (Agrumenia) carniolica transiens* Staudinger, 1887**

Zygaena carniolica transiens Staudinger, 1887, Berl. ent. Z. **31**: 39,40.

Type-locality. Iran: Mazandaran/Semnan, Shah Kuh.

Distribution. Eastern Alborz mountains.

***Zygaena (Zygaena) christa* Reiss & Schulte, 1967**

Zygaena (Agrumenia) christa Reiss & Schulte, 1967, Ent. Z. Frankf. a. M. **77**: 129,131; figs. 1-6.

Type-locality. Iran: Azarbaijān, Tabriz 64 km (40 miles) NW., Gharah Dagħ, Dugijan, 3200 m.

Distribution. Known only from type-locality.

***Zygaena (Zygaena) loti* ([Denis & Schiffermüller], 1775)**

Sphinx loti [Denis & Schiffermüller], 1775, Ankündigung eines systematischen Werkes von den Schmetterlinge der Wienergegend: 45.

***Zygaena (Zygaena) loti suleimanica* Reiss, 1937**

Zygaena (Lictoria) achilleae suleimanica Reiss, 1937, Ent. Rdsch. 54: 453, figs. a1, b1.

Type-locality. Iran: Alborz mountains, Takhte Suleiman, Hasan Kif, 1000 m.

Distribution. Central Alborz mountains.

***Zygaena (Zygaena) ecki* Christoph, 1882**

Zygaena ecki Christoph, 1882, Horae Soc. ent. ross. 17: 123.

***Zygaena (Zygaena) ecki ecki* Christoph, 1882**

Zygaena ecki Christoph, 1882, Horae Soc. ent. ross. 17: 123.

Type-locality. Iran: Mazandaran/Semnan, Shah Kuh, 2750-3000 m.

Distribution. Eastern Alborz mountains.

***Zygaena (Zygaena) ecki schwingenschussi* Reiss, 1937**

Zygaena (Lictoria) ecki schwingenschussi Reiss, 1937, Ent. Rdsch. 54: 454, fig. c1.

Type-locality. Iran: Alborz mountains, Mazandaran, Gholteh-ye Demavand, 3200-3700 m.

Distribution. Central Alborz mountains.

***Zygaena (Zygaena) viciae* ([Denis & Schiffermüller], 1775)**

Sphinx viciae (Denis & Schiffermüller), 1775, Ankündigung eines systematischen Werkes von den Schmetterlinge der Wienergegend: 45.

***Zygaena (Zygaena) viciae burgeffiana* Reiss, 1930**

Zygaena (Thermophlia) meliloti burgeffiana Reiss, 1930, in Seitz, Die Gross-Schmetterlinge der Erde, Supplement 2: 32, pl. 3h.

Type-locality. Iran: Kuldsar.

Distribution. Eastern Alborz mountains.

***Zygaena (Zygaena) dorycnii* Ochsenheimer, 1808**

Zygaena dorycnii Ochsenheimer, 1808, Die Schmetterlinge von Europa **2**: 69.

***Zygaena (Zygaena) dorycnii keredjensis* Reiss, 1937**

Zygaena (Polymorpha) dorycnii keredjensis Reiss, 1937, Ent. Rdsch. **55**: 40, figs. b2, b3.

Zygaena (Polymorpha) dorycnii hasankifensis Reiss, 1938, Mitt. Münch. ent. Ges. **27** (1937): 169.

Type-locality. Iran: Alborz mountains, Tehran, Karaj, 1600 m.

Distribution. Alborz mountains, Azarbaijan (Talesh).

***Zygaena (Zygaena) filipendulae* (Linnaeus, 1758)**

Sphinx filipendulae Linnaeus, 1758, Systema Naturae, ed X, **1**: 494.

***Zygaena (Zygaena) filipendulae kulpiensis* Reiss, 1935**

Zygaena filipendulae kulpiensis Reiss, 1935, Int. ent. Z. **29**: 209.

Type-locality. Turkey: Kars, Tuzluca (Kulp).

Distribution. North-western Iran.

***Zygaena (Zygaena) lonicerae* (Scheven, 1777)**

Sphinx lonicerae Scheven, 1777, Naturforscher, Halle **10**: 97.

***Zygaena (Zygaena) lonicerae abbastumana* Reiss, 1922**

Zygaena lonicerae abbastumana Reiss, 1922, Int. ent. Z. **15**: 176.

Type-locality. Gruzija: abbastumani and Tbilisi.

Distribution. North-western Iran.

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