

Designation of Chrysidid Lectotypes

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Abstract. — Lectotypes are designated from syntype series for 98 species of Chrysididae from the Palearctic, Neotropical and Ethiopian regions.

The Chrysididae comprises approximately 4000 species. Many of these species are based on syntype series. Because of the possibility of a syntype series containing individuals of more than one species or even genera, lectotypes need to be designated to prevent confusion. In preparation of a world revision of the Chrysididae with R. M. Bohart it has become necessary to designate lectotypes before the final revision is completed.

Type material was examined from the following institutions and individuals: BUDAPEST—Zoological Department, Hungarian Natural History Museum, Budapest (L. Zombori, J. Papp); CAPETOWN—Department of Entomology, South African Museum, Capetown (V. Whitehead); LENINGRAD—Zoological Institute, Academy of Sciences, Leningrad, USSR (V. A. Trajpitzy, Y. A. Pesenko, E. Budrys); LONDON—Department of Entomology, British Museum (Natural History), London (M. C. Day, C. Vardy); OXFORD—Hope Entomological Collections, Oxford University Museum, England (C. O'Toole); PARIS—Museum National d'Histoire Naturelle, Laboratoire d'Entomologie, Paris, France (M. Kerner Pillault); PRETORIA—Department of Entomology, Transvaal Museum, Pretoria, South Africa (R. Toms, M. C. Scoble), and VIENNA—Zweite Zoologische Abteilung, Naturhistorisches Museum, Vienna, Austria (M. Fischer).

The following list of types is organized alphabetically by genus. The type repository is indicated in parentheses, followed by the correct genus if that name differs from that of the original description.

Acrotoma arnoldi Edney, 1940:51. Lectotype male; Southwest Africa: Okahandja, #13.177 (LONDON). = *Hedychridium*

Acrotoma discrepans Edney, 1940:54. Lectotype male; South Africa: Cape Prov., Matjesfontein, #13.179a (LONDON). = *Hedychridium*

Acrotoma discrepans candida Edney, 1940:56. Lectotype male; Southwest Africa: Aus, #13.178a (LONDON). = *Hedychridium*

Actineuchrum soloriens Semenov, 1954:144. Lectotype male; USSR: Turkmenia, Imam-Baba (LENINGRAD). = *Hedychridium*

Amisega aeniceps Ducke, 1903:130. Lectotype male; Brazil: Itatuba (PARIS).

Chrysidea dido Zimmermann, 1956:149. Lectotype female; Madagascar: Bekily, II-III/1940, A. Seyrig (Seyrig Coll., PARIS).

Chrysis aurotecta Abeille, 1878:3. Lectotype female; Sardinia (Abeille Coll., box IV, PARIS).

- Chrysis chevrieri* Abeille, 1877:67. Lectotype female; no data on specimen ("nos environs" given in text) (Abeille Coll., box IV, PARIS).
- Chrysis dallatorreana* Mocsary, 1896:2. Lectotype female; "Hongrie" (Buysson Coll., box 22, PARIS). = *Spinolia*
- Chrysis fervida* Fabricius, 1781:456. Lectotype female; "Env. de Paris," coll. Lepeletier (Buysson Coll., box 11, PARIS). = *Holopyga*
- Chrysis fugax* Abeille, 1878:5. Lectotype sex ? (no abdomen); no data ("Lorgues" given in text) (Abeille Coll., box II, PARIS).
- Chrysis gemma* Abeille, 1878:3. Lectotype male; Meudon (Abeille Coll., box IV, PARIS).
- Chrysis hydropica* Abeille, 1878:4. Lectotype male; La Seyne (Abeille Coll., box II, PARIS).
- Chrysis insignis* Lucas, 1849:307. Lectotype female; "Algerie: La Calle" (Buysson Coll., box 22, PARIS). = *Spinolia*
- Chrysis lais* Abeille, 1877:66. Lectotype male; no data ("Lorgues" given in text) (Abeille Coll., box III, PARIS).
- Chrysis mulsanti* Abeille, 1878:3. Lectotype male; Montpellier (Abeille Coll., box II, PARIS). = *Chrysura*
- Chrysis rugulosa* Mocsary, 1909:8. Lectotype male; Turkey: Karatangebirge bei Djulek (BUDAPEST). = *Euchroeus*
- Chrysis spinifer* Abeille, 1878:5. Lectotype female; Montpellier (Abeille Coll., box V, PARIS).
- Chrysis varidens* Abeille, 1878:6. Lectotype female; Montpellier (Abeille Coll., Box III, PARIS).
- Chrysis viridula fenestrata* Abeille, 1877:67. Lectotype male; no data ("nos environs" given in text) (Abeille Coll., box IV, PARIS).
- Cleptes abeillei* Buysson, 1887:6. Lectotype male; Allier (Buysson Coll., box 2, PARIS).
- Cleptes afra* Lucas, 1849:315. Lectotype female; Algeria: Oran (Buysson Coll., box 2, PARIS).
- Cleptes anceyi* Buysson, 1891:74. Lectotype male; Algeria: Tlemcen, May '88 (Buysson Coll., box 2, PARIS).
- Cleptes aurora* F. Smith, 1874:452. Lectotype female; Brazil: Ega, #13.3 (LONDON). = *Cleptidea*
- Cyrteuchridium breviceps* Semenov. In Semenov and Nikoskaya, 1954:101. Lectotype female; Armenia: Darschichag (LENINGRAD). = *Hedychridium*
- Cyrteuchridium cyanellum* Semenov and Nikolskaya, 1954:101. Lectotype female; USSR: Tadzhikistan, Shurobad (LENINGRAD). = *Hedychridium*
- Cyrteuchridium fulvago* Semenov and Nikolskaya, 1954:102. Lectotype female; USSR: Tadzhikistan, Stalinabad (LENINGRAD). = *Hedychridium*
- Ellampus auratus trianulifer* Abeille, 1877:65. Lectotype female; St. Baume (Abeille Coll., box I, PARIS). = *Omalus*
- Ellampus conifer* Semenov, 1932:24. Lectotype male; USSR: Shipovo (LENINGRAD). = *Omalus*
- Ellampus gussakovskii* Semenov and Nikolskaya, 1954:95. Lectotype female; USSR: Tadzhikistan, Kondara (LENINGRAD). = *Omalus*
- Ellampus hirsutus* Semenov, 1932:29. Lectotype male; USSR: Turkestan, Fergana, Chedzu-tshiburgan (LENINGRAD). = *Omalus*

- Ellampus hirtus* Semenov, 1932:28. Lectotype female (not male); USSR: Turkestan, Alatau Talassicum Mnts. (LENINGRAD). =*Omalus*
- Ellampus kuznetzovi* Semenov, 1932:25. Lectotype male; USSR: Transcaucasia, Kodzhory Prov., Tiflisensis (LENINGRAD). =*Omalus*
- Ellampus margianus* Semenov, 1932:15. Lectotype female; USSR: Turkmenia, Imam-Baba Dist., Mervensis (LENINGRAD). =*Omalus*
- Ellampus nikolskii* Semenov, 1932:30. Lectotype male; USSR: Bucharica orientalis, Roshan, Kalai-vamar (LENINGRAD). =*Omalus*
- Ellampus olgae* Semenov, 1891:383. Lectotype female; central Russia (LENINGRAD). =*Elampus*
- Ellampus potanini* Semenov, 1932:11. Lectotype male; China: Setschuan Prov., Sjao-tzhin-cho (LENINGRAD).
- Ellampus ruthenus* Semenov, 1932:39. Lectotype male; USSR: Shipovo (LENINGRAD). =*Omalus*
- Ellampus scrutator* Semenov and Nikolskaya, 1954:94. Lectotype female; USSR: Tadzhikistan, Kondara (LENINGRAD). =*Omalus*
- Ellampus sculpticollis* Abeille, 1878:2. Lectotype male; "Mlle" ("nos environs" given in text) (Abeille Coll., box I, PARIS). =*Omalus*
- Ellampus shokalskii* Semenov, 1932:24. Lectotype male; Mongolia: Urga (LENINGRAD). =*Omalus*
- Ellampus smaragdulus* Semenov, 1932:37. Lectotype female; USSR: Turkestan, Maracandica Prov., Samarkand (LENINGRAD). =*Omalus*
- Ellampus speculifer* Semenov, 1932:18. Lectotype male; USSR: Bucharica Merid., Termez, Oxum (LENINGRAD). =*Omalus*
- Ellampus stella* Semenov and Nikolskaya, 1954:93. Lectotype female; USSR: Tadzhikistan, Stalinabad (LENINGRAD). =*Omalus*
- Ellampus subopacus* Semenov and Nikolskaya, 1954:95. Lectotype female; USSR: Tadzhikistan, Kondara (LENINGRAD). =*Omalus*
- Ellampus tarnanii* Semenov, 1920:40. Lectotype male; Bucharica australis: Termez, Oxum (Amu-darj'ja) (LENINGRAD). =*Omalus*
- Ellampus timidus* Nurse, 1902:305. Lectotype male; Peshin, #13.10a (LONDON). =*Omalus*
- Euchroeides oblatulus* Nurse, 1904:23. Lectotype male; Quetta, #13.161b (LONDON). =*Spinolia*
- Euchroeus purpuratus orientis* Semenov, 1910 (1909):214. Lectotype female; "Dzhungaria chinens. orient.": Hami (LENINGRAD).
- Hedychridium aegyptiacum* Buysson, 1898:126. Lectotype female; Egypt: Koubbeh (Buysson Coll., box 13, PARIS).
- Hedychridium alpestre* Semenov, 1954:100. Lectotype male; USSR: Tadzhikistan, Kok-kyu (LENINGRAD).
- Hedychridium bergi* Semenov, 1954:98. Lectotype female; USSR: Tadzhikistan, Peter the Great Range (LENINGRAD).
- Hedychridium capensis* Mocsary, 1889:136. Lectotype female; "Le Cap" (Buysson Coll., box 15, PARIS).
- Hedychridium coloratum* Edney, 1940:74. Lectotype male; South Africa: Cape Prov., Matjesfontein, #13.175b (LONDON).
- Hedychridium elegantulum* Buysson, 1887:173. Lectotype female; Gallia: Meridion (Buysson Coll., box 13, PARIS).

- Hedychridium latifrons* Edney, 1940:72. Lectotype female; South Africa: Cape Prov., Somerset East, #13.173a (LONDON).
- Hedychridium malagassum* Buysson, 1910:124. Lectotype male; Madagascar (Buysson Coll., box 16, PARIS).
- Hedychridium minutum homeopathicum* Abeille, 1878:3. Lectotype male; no data on specimen (Abeille Coll., box II, PARIS).
- Hedychridium minutum infans* Abeille, 1879:3. Lectotype male; no data on specimen (Abeille Coll., box II, PARIS).
- Hedychridium perversum* Nurse, 1902:306. Lectotype male; Peshin, #4.02 (LONDON).
- Hedychridium planifrons* Buysson, 1900:129. Lectotype male; Egypt: Heloun, M. Pic (Buysson Coll., box 15, PARIS).
- Hedychridium rhodinum* Semenov and Nikolskaya, 1954:99. Lectotype male (not female); USSR: Tadzhikistan, Ruidasht (LENINGRAD).
- Hedychridium scintilla* Semenov, 1954:96. Lectotype female; USSR: Kazakhstan, Peter the Great Range (LENINGRAD).
- Hedychridium wroughtoni* Buysson, 1896:466. Lectotype female; "Prov. centralis, Inde ciriglaise" (Buysson Coll., box 16, PARIS).
- Hedychrum chloroidea* Dahlbom, 1854:66. Lectotype female; "Env. de Paris," Lepeletier Coll. (Buysson Coll., box 11, PARIS). = *Holopyga*
- Hedychrum jacobsoni* Semenov, 1954:109. Lectotype female; USSR: Tadzhikistan, Balamurun, Karatau foothills (LENINGRAD).
- Hedychrum katbergense* Edney, 1940:116. Lectotype male; South Africa: Cape Prov., Katberg, #13.40 (given as holotype) (LONDON).
- Hedychrum longicolle* Abeille, 1877:65. Lectotype female; Toulon (Abeille Coll., box I, PARIS).
- Hedychrum micans* Lucas, 1849:313. Lectotype; Algeria: La Calle (Buysson Coll., box 17, PARIS).
- Hedychrum minutum* Lepeletier, 1806:122. Lectotype female; Soissons (Buysson Coll., box 16, PARIS). = *Hedychridium*
- Hedychrum nigrocyaneum* Edney, 1940:98. Lectotype male; South Africa: Cape Prov., Ceres, #13.46a (LONDON).
- Hedychrum nigromaculatum* Edney, 1940:108. Lectotype female; South Africa: Cape Prov., Katberg, #13.45 (LONDON).
- Hedychrum penultimum* Edney, 1940:110. Lectotype male (given as holotype); South Africa: Cape Prov., Mossel Bay (LONDON).
- Hedychrum rubrum* Edney, 1940:97. Lectotype female; South Africa: Belmont, #13.170b (LONDON).
- Hedychrum stilboides* Walker, 1871:9. Lectotype male; Egypt, #79.22 (no BM type #) (LONDON).
- Holopyga capensis* Edney, 1940:44. Lectotype male; South Africa: Cape Prov., Bloukrans, near Calvinia, #13.18a (LONDON).
- Holopyga crassepuncta* Semenov, 1954:110. Lectotype female; USSR: Tadzhikistan, Balamurun, Karatau foothills (LENINGRAD).
- Holopyga janthina dispersepunctata* Edney, 1940:49. Lectotype male; Southwest Africa: Okahandya, #13.19b (LONDON).
- Holopyga kozhantshikovi* Semenov, 1954:111. Lectotype male; USSR: Kazakhstan, Baigakum (LENINGRAD).

- Holopyga miranda* Abeille, 1878:2. Lectotype male; "Corse" (Abeille Coll., box I, PARIS).
- Holopyga scutellare* Zimmermann, 1956:142. Lectotype female; Madagascar: Bekily, IV/42, A. Seyrig (Buysson Coll., box 12, PARIS).
- Irenula margaritacea* Semenov and Nikolskaya, 1954:102. Lectotype female; USSR: Tartugai (LENINGRAD). = *Hedychridium*
- Notozus kashmirensis* Nurse, 1902:805. Lectotype male; Kashmir, #13-12a (LONDON). = *Elampus*
- Oar globulus* Semenov, 1954:144. Lectotype male; USSR: Kazakhstan, Balamurun, Karatau foothills (LENINGRAD). = *Holopyga*
- Omalus politus* Buysson, 1887:168. Lectotype female; "Syrie-Beyrout" (Buysson Coll., box 6, PARIS).
- Parnopes apicalis* Walker, 1871:6. Lectotype male; Egypt, #13.162a (BMNH).
- Parnopes nitolica* Morice, 1916:264. Lectotype male; Khartum, #384 1/3 (OXFORD).
- Parnopes vareillesi* Buysson, 1900:157. Lectotype female; Algeria: Biskra (Buysson Coll., box 68, PARIS).
- Philoctetes caudata* Abeille, 1878:2. Lectotype male; no data on specimen (Abeille Coll., box I, PARIS). = *Omalus*
- Philoctetes deflexa* Abeille, 1878:2. Lectotype male; Egypt (Abeille Coll., box I, PARIS). = *Omalus*
- Pseudochrysis sphinx* Semenov, 1902:168. Lectotype female; USSR: Amu-darja (LENINGRAD). = *Euchroeus*
- Pseudochrysis vespera* Semenov, 1910 (1909):214. Lectotype male; Iran: Chorasassan (LENINGRAD). = *Euchroeus*
- Spinolia herodiana* Morice, 1909:467. Lectotype female; Jericho, #380 1/2 (OXFORD).
- Spintharina corniger* Zimmermann, 1950:316. Lectotype male; Egypt: Gebel Elba (VIENNA).
- Spintharina invreai* Zimmermann, 1952:360. Lectotype female; Ethiopia: Sagan-Omo, Gondaraba (VIENNA).
- Tetrachrysis adonis* Zimmermann, 1956:153. Lectotype female; Madagascar: Bekily, II/1941, A. Seyrig (Seyrig Coll., PARIS).
- Zarudnidium laetum* Semenov and Nikolskaya, 1954:105. Lectotype female; USSR: Tadzhikistan, Kondara (LENINGRAD). = *Hedychridium*

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