

Supplementary material

Conflict and congruence between morphological and molecular data: revision of the *Merodon constans* group (Diptera : Syrphidae)

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Data on the additional material examined (non-type specimens)

Merodon analis Meigen

AUSTRIA: Admont, Tolmerin, 47°34'00"N, 14°27'00"E, 1♂ (NBCN); Styria, Mariazell, 47°46'00"N, 15°19'00"E, viii.1836, 1♂ (NHMW); Salzburg, Aigen, 47°47'16"N, 13°04'42"E, 17.viii.1986, 1♀ (NHMUK); 14.viii.1941, 1♀, Hammer leg., 'P.H. van Doesburg collection rec. 1973' (NBCN); Erlaufboden, Lower Austria, 47°52'60"N, 15°16'00"E, 20–23.vii.1924, 1♂ (NHMW); Burgenland, Lake Neusiedl ('Neusiedlersee'), 47°55'60"N, 16°49'60"E, 20.viii.1960, 1♀, Richards O.W. leg. (NHMUK); Burgenland, Border of Lower Austria, Leithagebirge (Leitha Mountains), 47°58'00"N, 16°40'00"E, 28.viii.1888, 1♂, Handl leg., 1♂ (NBCN), 6♂, 2♀, Handl leg., 1♂ (NHMW), 05.viii.1952, 1♂, Tippmann leg. (NHMUK), 05.viii.1952, 10♂, 2♀, Tippmann leg., 1♂ (NBCN), 04.viii.1952, 4♂, 12.viii.1952, 1♂, 13.viii.1952, 2♂, Tippmann leg. (NBCN); Hainfeld, Lower Austria, 48°01'60"N, 15°46'00"E, 02.viii.1881, 1♀, Mick leg. (NHMW); Burgenland, Edelstal, 48°06'00"N, 16°58'60"E, 28.viii.1960, 1♂, Vecht J.V.D. leg. (NBCN), remark: *Lampetia constans* (det. van der Goot, 1963); Perchtoldsdorf, Lower Austria, 48°07'00"N, 16°16'00"E, 13.vii.1884, 1♂, Mik leg. (NHMW); Hundsheimer Berge, 48°08'00"N, 16°55'59"E, 28.viii.1918, 1♂, 02891, 1♀, 02892 (NHMW); Burgenland, Hainburg, 48°09'08"N, 16°55'51"E, 28.viii.1960, 1♂, Vecht J.V.D. leg. (NBCN), remark: *Lampetia constans* (det. van der Goot, 1963), 2♂, 3♀, 'Egger collection' (NHMW); Wien, Prater, 48°11'58"N, 16°25'52"E, 02.viii.1868, 1♂, 1♀, vii.1870, 1♂, Bergenst leg. (NHMW); Wien, 48°12'00"N, 16°22'00"E, 1♂, 1♀, Egger leg., 5♂, Schiner leg.,

viii.1940, 2♂, 1♀ (ZMHB); Klosterneuburg, Lower Austria, 48°18'00"N, 16°19'00"E, 3♂, 2♀ (NHMW); Bisamberg, Lower Austria, 48°19'00"N, 16°21'00"E, 30.vii.1865, 1♂, 27.vii.1873, 1♂, 1♀, 23.viii.1874, 7♂, 3♀, 30.viii.1874, 1♂, 1♀, 15.vii.1875, 1♀, 27.vii.1875, 1♀, 08.viii.1875, 1♂, 23.viii.1884, 1♂, Bergenst leg., 15.viii.1885, 3♂, 3♀, 23.viii.1885, 2♂, Handl leg. (NHMW), 23.viii.1885, 1♀, Handl leg. (NBCN); Josefsth, Lower Austria, 48°57'44"N, 15°00'47"E, 1866, 1♀, Mann leg. (NHMW); Dornbirn, Kühberg, 26.vii.2015, 1♂, Pruner S. leg., 10904 (P.S. coll.); Dornbirn, Kühberg, 26.vii.2015, 1♂, 10905 (P.S. coll.); 1♀, 'Windhem collection', 1♂, 8♀, 'Egger collection', 13♂, 5♀ (NHMW); Hackelsberg, 27.vii.1886, 1♂, 1♀, Handl leg. (NHMW); Brucka, 14.viii.1887, 1♂, 1♀, Handl leg. (NHMW). **BOSNIA AND HERZEGOVINA:** Stolac, 43°04'44"N, 17°57'30"E, 1♂, Penther leg. (NHMW); Sutjeska NP, 43°20'50"N, 18°42'18"E, 1♀, 28.vi.2009, Rattel E. leg., 14825 (FSUNS); Javor, 44°05'23"N, 18°05'09"E, 30.vii.1989, 2♂, Vujić A., Radenković S. leg., 01401, 01402 (FSUNS); Konjuh, 44°18'10"N, 18°31'55"E, 30.vii.1989, 1♂, Vujić A., Radenković S. leg., 01399 (FSUNS). **CROATIA:** Licko Senjska county, Plitvice lakes, 44°52'60"N, 15°36'00"E, 22.vii.1986, 1♂, Vujić A., Radenković S. leg., 01398 (FSUNS); ZZO Novska, 1000–1200m, 45°15'00"N, 17°03'00"E, 17.viii.1963, 1♂ (NBCN), remark: *Lampetia constans* (det. van der Goot, 1963); Jankovac, 45°30'45"N, 17°40'28"E, 10.viii.1891, 1♂, 02125 (ZMSZ); Zagreb county, Podsused, 45°49'19"N, 15°50'37"E, 23.vii.1902, 1♂ (NHMW); Zagreb, 45°49'60"N, 16°00'00"E, 2♂, Bergenst leg. (NHMW), 26.viii.1894, 1♂ (NHMW); 24.viii.1894, 1♂, 02126 (ZMSZ); Zagreb county, Zelina, 45°57'22"N, 16°14'46"E, 23.vii.1964, 1♂ (NBCN); Krapinsko-Zagorska county, Krapina, 46°09'39"N, 15°52'44"E, 07.viii.1910, 1♀, 02122, 22.viii.1910, 1♀, 02115, 26.viii.1910, 1♂, 02117 (HPM); Krapinsko-Zagorska county, Krapina, 46°09'39"N, 15°52'44"E, 4♂, 02116, 02118, 02120, 02121, 1♀, 02123 (ZMSZ); Pregrada, 46°09'51"N, 15°45'03"E, 12.viii.1985, 1♂, 02128 (ZMSZ); Pregrada, 46°09'51"N, 15°45'03"E, 11.viii.1886, 1♂, 02124 (HPM). **CZECH REPUBLIC:** Podyjí National Park, 'Siroke Pole, meadow + river corridor', 270m, 48°51'30"N, 15°51'01"E, 01–03.vii.2003, 1♀, 02899, 08–10.viii.2003, 2♂, 02893, 02896, 3♀, 02894, 02895, 02897, Barták, Kubík leg. (M.B. coll.); Podyjí National Park, 'nad Soosem', 340m, 48°51'30"N, 15°51'01"E, 08–10.viii.2003, 1♀, Barták, Kubík leg., 02898 (M.B. coll.); Moravia, Frain, 'Vranov nad Dyjí', 48°53'39"N, 15°48'29"E, 07.viii.1883, 2♂, 4♀, 08.viii.1883, 1♂, 1♀, Handl. leg. (NHMW). **FRANCE:** Villeneuve, 43°53'52"N, 5°51'09"E, 1♂, 'Collection Pandalle 1819, 1301–2223 Hautes Pyrenees:1884:21 juin t.ibos. haies female –17 juill. id=85:14 sept.t., Azezeick male female, Villeneuve.Lot, Perez, Hyeres, Abeille. Macon, Annecy. Flamary' (MNHN); Provence Alpes Cote d'Azur, Vaucluse, Carpentras, 44°03'00"N, 5°03'00"E, 04.viii.1912, 1♀ (NBCN); Auvergne, Brout-Vernet, 46°10'60"N, 3°16'60"E, 4♂, PM0751, PM0769, PM0775, PM0780, 1♀, PM0770, du Buysson H. leg. (MNHN); Doubs, RNN Ravin de Valbois, 47°05'03"N, 6°05'42"E, viii.2017, 1♀, Langlois D. leg. (M.S. coll.); Doubs, Valbois, 01.viii.2017, Langlois D. leg. (M.S. coll.); 'Ex-Galanthus imported. Tours France', vii.1961, 3♂, 1♀, Hodson W.E.H. leg. (NHMUK). **GERMANY:** Langenau, 48°29'56"N, 10°07'26"E, vi.1965, 2♂ (ZMHB); Thuringia, Altenburg, 50°58'00"N, 12°30'00"E, 1♀ (NBCN); H.Bruhl, 18.viii.1883, 1♀, Becher leg. (NHMW). **HUNGARY:** Baranya-megye, Nagyharsany, 45°50'60"N, 18°23'42"E, 13.vi.1963, 1♂, Zombori L. leg. (NHMUK); Esztergali v., Harskut, 47°10'60"N, 17°49'00"E, 28.vii.1977, 1♀, Toth S. leg., ZMUC00513475 (ZMUC); Bakony, Fenyofó, 47°21'00"N, 17°46'00"E, 13.viii.1991, 1♀ (NBCN). **ITALY:** Valle Pesio (Cuneo), 44°13'56"N, 7°39'44"E, vii.1938, 1♀, Mantero G. leg., PM0757 (MNHN); Veneto, Livenza, 45°35'27"N, 12°51'47"E, 29.vi.2006, 5♂,

03782, 03772, 03775, 03779, 03780, 1♀, 03781, 29.vi.2006, 1♀, Vujić A. leg., 03778 (FSUNS), 18.vii.2006, 3♂, 03773, 03776, 03777, Vujić A. leg. (FSUNS); Veneto, 45°45'51"N, 11°41'19"E, 18.vii.2006, 1♂, Vujić A. leg., 03774 (FSUNS); Como, San Bartolomeo, 45°52'60"N, 9°46'60"E, 15.vii.1986, 1♂ (NBCN); Trentino-Alto Adige, Valle di Ledro, ('S. Tirol, Ponalestrase, Valdi Ledyo Mail'), 45°52'60"N, 10°45'00"E, 21.vii.1918, 1♂, Zerny leg. (NHMW); Gorizia ('Görz'), 45°57'42"N, 13°36'21"E, 31.viii.1864, 1♂, Mik leg. (NHMW); Dolomites, Udine – Trento, 46°00'13"N, 12°00'23"E, 15.vii.2013, 1♂, Vujić A. leg., AB42 (FSUNS); Trento, Levico Terme, 46°01'00"N, 11°18'00"E, 14.viii.1987, 2♀ (NBCN); Friuli-Venezia Giulia, Raibl, 46°26'34"N, 13°34'38"E, 1869, 1♂, Mann leg. (NHMW); Trentino-Alto Adige, Bozen, 46°31'00"N, 11°22'00"E, 1984, 1♀, Strobl leg. (NBCN); South Tyrol, 'Sudtirol Oberhalf Pignolo Tione', 01.viii.1927, 1♂, 1♀ (ZMHB). **SERBIA:** Pčinja, Monastery of Venerable Prohor of Pčinja, 42°19'44"N, 21°53'53"E, 20.vii.2018, 1♂, 20824, Đukić A. leg. (FSUNS); Kopaonik, Jasle, Čukara, 43°16'40"N, 20°46'27"E, 15.vii.2012, 1♂, Vujić A., Radenković S., Polić D. leg., G1870 (FSUNS); Kopaonik, Kukavica, 43°19'23"N, 20°44'58"E, 04.viii.2010, 1♀, Vujić A. leg., G0247 (FSUNS); Golija, Čeka, 43°19'44"N, 20°14'22"E, 12.vii.2016, 1♂, Vujić A., Nedeljković Z. leg., 12404 (FSUNS); Kopaonik, Samokovska River Gorge, 43°20'24"N, 20°44'41"E, 19.vii.1985, 2♂, Vujić A., Radenković S. leg., 01409, 01411 (FSUNS); Zlatar, Panorama, 43°24'26"N, 19°50'26"E, 04.ix.2016, 1♀, Markov Z. leg., 10557 (FSUNS); Ivanjica, Klekovic, 43°31'28"N, 20°19'05"E, 14.vii.2016, 1♂, Vujić A., Nedeljković Z. leg., 12344 (FSUNS); Dubašnica, Jablanica, 43°50'05"N, 21°52'34"E, 24.vii.1986, 1♀, Vujić A., Radenković S. leg., 01410 (FSUNS); Tara, Beli Rzav, 43°52'56"N, 19°21'41"E, 06.viii.2010, 1♂, Vujić A. leg., G0246 (FSUNS); Tara, Raca River Canyon ('Kanjon Rače'), 43°55'59"N, 19°33'18"E, 05.viii.2010, 5♂, Vujić A. leg., C99, D1, D2, D3, D4 (FSUNS); Dubašnica, Demižlok, 44°00'56"N, 21°53'13"E, 22.vii.2017, Vujić A. leg., 1♂, 16987 (FSUNS); Dubašnica, Demižlok, 44°00'58"N, 21°52'49"E, 25.viii.1996, 1♀, 00513 (FSUNS); Dubašnica, Dubašnica Lunga, 44°01'02"N, 21°53'19"E, 23.viii.1996, 1♂, 00511, 1♀, 00512, 22.viii.1997, 1♂, 00517 (FSUNS); Dubašnica, Perast, 44°01'19"N, 21°56'22"E, 12.viii.1994, 1♂, 00509 (FSUNS); Dubašnica, Lazar's Canyon ('Klisura Lazareve reke'), 44°01'22"N, 21°56'57"E, 13–14.vii.1985, 1♂, 00515, 22–24.viii.1996, 1♀, 00510, 21.viii.1997, 9♂, 00521, 00522, 00523, 00524, 00525, 00526, 00527, 00528, 00529, 1♀, 00516, 25.vii.1997, 3♂, 00514, 00518, 00519, 30.vi.1998, 1♂, 00520 (FSUNS); Vršacke planine, 45°07'29"N, 21°19'43"E, 02.vii.2014, 1♀, Markov Z. leg., 18362 (FSUNS); Fruška gora, Papratski do, 45°07'24"N, 19°36'42"E, 10.viii.2013, Nedeljković Z. leg., 1♂, 18361, 1♀, 18363 (FSUNS); Fruška gora, Hopovo, 45°07'59"N, 19°51'15"E, 27.vii.1983, 1♀ (NBCN); Fruška gora, Venac, 45°09'04"N, 19°42'40"E, 31.vii.1983, 1♂ (NBCN); Fruška gora National Park, Kraljeva stolica, 45°09'13"N, 19°49'19"E, 04.vii.2009, 1♂, Nedeljković Z. leg., 11165 (FSUNS); Fruška gora, Glavica, 45°09'14"N, 19°50'05"E, 08.viii.2013, Nedeljković Z. leg., 2♂, G2790, G2792, 2♀, G2788, G2789 (FSUNS); Fruška gora, 45°09'50"N, 19°42'57"E, 10.viii.1996, 2♂, 01407, 01408 (FSUNS); Fruška gora, Grabovo, 45°10'02"N, 19°36'59"E, 30.vi.2016, 2♂, Vujić A., Radenković S., Stahls G. leg., 13372, 13373 (FSUNS); Fruška gora, Stražilovo, 45°10'08"N, 19°55'02"E, 06.viii.2013, 4♂, G2791, G2793, G2794, G2795, 2♀, G2786, G2787, Nedeljković Z. leg., 05.viii.2015, 4♂, 11154, 11155, 11156, 11157, Nedeljković Z. leg., 3♂, 11158, 11159, 11160, Tot T. leg. (FSUNS); Fruška gora, Stražilovo, 45°10'12"N, 19°54'44"E, 06.viii.2013, 2♂, Ricarte A. leg., 10990, 10991 (FSUNS); Fruška gora National Park, nr Andrevlje, 45°10'26"N, 19°38'41"E, 20.vi.2009, 1♂, Stähls G. leg., 14824 (FSUNS); Fruška gora, Manastirski breg,

45°10'33"N, 19°54'16"E, 25.viii.1956, 1♂, 01249 (NHMB), remark: *Lampetia constans* (Glumac 1959); Fruška gora, Testera, 45°11'04"N, 19°38'58"E, 28.viii.1980, 1♂, Vujić A., Radenković S. leg., 01406 (FSUNS); Fruška gora, Glavica, 45°11'09"N, 19°51'18"E, 19.vi.2011, 1♂, K81, 25.vi.2011, 1♂, K51, 26.vi.2011, 1♂, K58, Vujić A. leg. (FSUNS); Fruška gora, Viline vode, 300m, 45°11'45"N, 19°50'32"E, 22.viii.1956, 1♂, 01251 (NHMB), remark: *Lampetia constans* (Glumac 1959); Fruška gora, Paragovo, 45°11'59"N, 19°51'06"E, 20.viii.2010, 1♀, Radišić P. leg., G1676 (FSUNS); Fruška gora, Ostje, 27.vii.1956, 1♂, 01250 (NHMB), remark: *Lampetia constans* (Glumac 1959); Fruška gora, 27.vii.1956, 1♂, 06.ix.1956, 1♀ (NHMUK). **SLOVENIA**: Postojna, 45°47'10"N, 14°12'35"E, 13.vii.–01.viii.1958, ('Wooded hill N.W. of village'), 1♂, ('Edge of mixed forest'), 2♂, ('Glades in mixed forest'), 1♀ (NHMUK); Carniola, Wippach, 45°50'00"N, 13°59'10"E, 1854, 4♂, 1♀ (NHMW); Stahovica, Velika caucasicuplanina, 'lokalitet 2', 46°18'06"N, 14°37'57"E, 16.viii.2018, Vujić A., Miličić M., Kočiš Tubić N., Šašić Zorić Lj., Šebić A. leg., 1♀, 20590 (FSUNS).

Merodon caucasicus Portschinsky

GEORGIA: Dusheti, Flusstal, Kobi, 42°18'13"N, 44°41'41"E, 04.viii.2001, 1♂, Stuke leg., 02881 (FSUNS); Batumi vic., 25.vi.2015, 1♂, SIZK.2019.003 (SIZK). **NETHERLANDS**: Warmond, Hays te Warmond, 52°12'00"N, 4°31'00"E, 23.v.1972, 1♀, 02879 (NBCN). **RUSSIA**: Akhun, Sochi (Caucasus), 650m, 43°38'25"N, 39°43'18"E, 12.vii.1966, 1♀, Torp E. leg., 04334 (ZMUC); Caucasian state nature reserve, Sochi district, Krasnodar reg., Caucasus, 1000m, 43°43'N, 40°18'E, 06.viii.2004, 1♂, Kustov S. leg, SIZK.2018.014 (SIZK); Caucasian state nature reserve, Sochi district, Krasnodar reg., Caucasus, 43°43'N, 40°18'E, '2004 ?', 1♂, Kustov S. leg, SIZK.2018.013 (SIZK); Achishkho ridge, NW Krasnaya Polyana, Krasnodar reg., Caucasus, *Fagus* forests zone, clearing, 1850m, 43°43'39"N, 40°10'22"E, 04.viii.2005, 1♀, Popov G.V. leg, SIZK.2018.015 (SIZK); Achishkho ridge, NW Krasnaya Polyana, Krasnodar reg., Caucasus, subalpine zone, *Leontodon* sp. flowers, 1880m, 43°43'39"N, 40°10'22"E, 02.viii.2005, 1♀, Popov G.V. leg, SIZK.2018.016 (SIZK). **TURKEY**: Artvin, Arhavi, 41°20'57"N, 41°18'25"E, 30.viii.1992, 1♂, Karadeniz S. leg., 04594 (EMIT).

Merodon constans (Rossi)

CROATIA: Splitsko Dalmatinska county, Hvar, 43°10'51"N, 16°38'10"E, 1♀, 01–20.viii.1981, Vujić A., Radenković S. leg., 01397 (FSUNS); Primorsko Goranska county, Bribir, 45°09'33"N, 14°45'21"E, 10.viii.1964, 1♂, Lambeck leg., ZMUC00513373 (ZMUC), 10.viii.1964, 10♂, 1♀, 12.viii.1964, 2♀, 14.viii.1964, 2♂, 1♀ (NBCN); Primorsko Goranska county, Bakar, 45°18'31"N, 14°31'49"E, 08.viii.1902, 1♂ (NHMW); Primorsko Goranska county, Fiume, 45°20'35"N, 14°24'33"E, 2♀, Mann leg. (NHMW); Dalmacija, Čavle, 45°21'07"N, 14°29'02"E, 09.viii.1884, 1♀, 02127 (ZMSZ). **GREECE**: Epirus, Mountain Pindos, Timphi mountain, Papingo, 900–1100m, 39°58'04"N, 20°43'39"E, 24.viii.1983, 1♀, ZMUC00513545 (ZMUC). **ITALY**: Umbria – prov. Perugia, Norcia – Torrente Como – River Nera – Biselli, 350m, 42°47'27"N, 12°58'44"E, 23.vii.2010, 1♂, Barendregt A. leg., G0969 (FSUNS); Bologna, Castiglione dei Pepoli, Abetaia, 44°08'03"N, 11°09'48"E, 01.viii.1957, 1♂, 20.vii.1959, 2♂, 21.vii.1959, 1♀, 31.vii.1959, 1♂, 01.viii.1959, 1♂ (NBCN); Lago di Como, Esino Lario, 1000m, 45°58'60"N, 9°19'60"E, 29.vii.1998, 1♂, Merlin T. leg., 02888 (D.D. coll.). **MONTENEGRO**: Lovćen, Lovćen 2, 42°22'16"N, 18°52'18"E, 12.viii.2018, Vujić A., Radenković S., Šebić A.,

Ranković M. leg., 4♂, 20380, 20703, 20704, 20705 (FSUNS); Lovćen, Lovćen 1, 42°22'59"N, 18°53'51"E, 12.viii.2018, Malidžan S. leg., 9♂, 20376, 20377, 20378, 20379, 20678, 20679, 20680, 20681, 20682, 1♀, 20372 (MTGM), Vujić A., Radenković S., Šebić A., Ranković M. leg., 30♂, 20415, 20416, 20417, 20418, 20419, 20427, 20654, 20655, 20656, 20657, 20658, 20659, 20660, 20661, 20662, 20663, 20664, 20665, 20666, 20667, 20668, 20669, 20670, 20671, 20672, 20673, 20674, 20675, 20676, 20677, 3♀, 20373, 20374, 20375 (FSUNS); Lovćen, Lovćen 4, 42°24'02"N, 18°47'39"E, 13.viii.2018, Vujić A., Radenković S., Šebić A., Ranković M. leg., 3♂, 20381, 20789, 20382 (FSUNS); Lovćen, Lovćen 3, 42°24'15"N, 18°49'23"E, 12.viii.2018, Vujić A. leg., 1♀, 20371, Vujić A., Radenković S., Šebić A., Ranković M. leg., 1♂, 20772 (FSUNS); Lovćen, Lovćen 5, 42°24'57"N, 18°48'26"E, 13.viii.2018, Vujić A., Radenković S., Šebić A., Ranković M. leg., 9♂, 20383, 20816, 20384, 20818, 20819, 20385, 20820, 20821, 20817, 1♀, 20822 (FSUNS); Boka Kotorska, Kotor, 42°25'33"N, 18°46'19"E, 05.viii.1956, 1♂, 01253, 04.x.1956, 1♂, 01252 (NHMB), remark: *Lampetia albifrons* (Glumac 1956); Boka Kotorska, Morinj, 42°29'25"N, 18°38'56"E, 27.viii.2011, 1♀, S37, 1♂, S42, 24–25.ix.1997, 1♀, 01413, 1♂, 01414, Vujić A., 25.viii.1994, 1♀, 03717, 03–06.viii.1995, 1♂, 03699, 05–10.vii.1995, 1♂, 03702, 03701, 03711, 11–13.vii.1997, 3♂, 03700, 03701, 03711, 30–31.viii.1997, 8♂, 03703, 03704, 03705, 03706, 03707, 03709, 03714, 01412, 6♀, 03708, 03710, 03712, 03713, 03715, 03716 (FSUNS); Orjen, 'Pre Vratne', 42°30'33"N, 18°33'25"E, 31.viii.2012, 1♂, G2304, 3♀, G2305, G2306, G2307, Vujić A. leg. (FSUNS); Orjen, 'Planinarski dom', 42°30'44"N, 18°33'26"E, 27.viii.2011, 17♂, R26, R28, R29, R36, R56, R58, R64, R75, R76, R79, R87, R90, S28, S31, S5, S7, S8, 5♀, R51, R93, S29, S4, S21, Vujić A. leg., 3♂, R27, R33, S27, 1♀, R88 (FSUNS); Prokletije, Grebaja 2, 42°31'01"N, 19°47'06"E, 10–11.viii.2018, Malidžan S. leg., 2♀, 20365, 20366, 2♂, 20367, 20368 (MTGM), Vujić A., Radenković S., Šebić A., Ranković M. leg., 2♂, 20370, 20369 (FSUNS); Prokletije, Grebaja 1, 42°31'34"N, 19°47'14"E, 9–10.viii.2018, Malidžan S. leg., 1♂, 20364 (MTGM); Orjen, Crkvice, 42°33'40"N, 18°37'51"E, 28.viii.2011, 3♂, P89, R4, R5, 2♀, P90, R10, Vujić A., Radišić P. leg. (FSUNS); Vojnik, 42°54'57"N, 19°00'54"E, 11.viii.2017, Vujić A., Radenković S. leg., 3♂, 17066, 17074, 17110 (FSUNS); Durmitor, Pošćensko lake, 1045m, 42°58'39"N, 19°04'16"E, 06.vii.2017, 1♂, Vujić A., Ačanski J., Kočiš Tubić N. leg., 16297 (FSUNS); Durmitor, Komarnica, Nevidio, 42°59'20"N, 19°04'07"E, 22.vii.2009, 8♂, A51, A52, A53, A46, A47, A48, A49, A50, 25.vii.2010, 1♂, D70, 30.viii.2012, 5♂, G2302, G2299, G2300, G2301, G2303, Vujić A. leg. (FSUNS); Durmitor, Komarnica canyon, 43°00'13"N, 18°57'04"E, 31.vii.1994, 1♂, 01703, 1♀, 01695, 09.viii.1997, 1♂, 01702, 01.ix.1997, 3♂, 01699, 01700, 01701, 1♀, 01698, 30.vii.1998, 1♂, 01696, 1♀, 01697, 23.viii.1999, 1♂, 01704 (FSUNS); Durmitor, Komarnica village, 43°00'23"N, 19°03'33"E, 30.viii.2012, 1♂, Vujić A. leg., G2298 (FSUNS); Plužine, 'Polja Pejovića', 1140m, 43°01'47"N, 18°50'48"E, 5.vii.2017, 1♂, Vujić A., Ačanski J., Kočiš Tubić N. leg., 16260 (FSUNS); Tomaševo, Muslići, 'Vraneška dolina', 745m, 43°05'03"N, 19°38'22"E, 18.vii.2016, 1♂, Grković A. leg., 12537 (FSUNS); Stabna, 'Livade pre uspona', 43°10'30"N, 18°44'29"E, 4.vii.2017, Malidžan S. leg., 1♀, 16510 (MTGM); Plužine, 890m, 43°10'34"N, 18°44'24"E, 4.vii.2017, Vujić A., Ačanski J., Kočiš Tubić N. leg., 2♀, 16413, 16417, 4♂, 16416, 16414, 16415, 16418 (FSUNS); Volujak, 'Stabansko jezero gornje', 43°11'53"N, 18°43'24"E, 10.viii.2017, Vujić A., Radenković S. leg., 1♀, 17122, 4♂, 17141, 17143, 17144, 17242 (FSUNS); Plužine, Stabansko lake, 1100m, 43°12'00"N, 18°43'16"E, 4.vii.2017, 2♂, Vujić A., Ačanski J., Kočiš Tubić N. leg., 16352, 16351 (FSUNS); Maglić, Mratinje II, 43°15'50"N, 18°47'03"E, 12.viii.2017, Vujić A., Radenković S. leg., 2♂, 17003, 17020 (FSUNS); Maglić, Mratinje I, 43°16'04"N, 18°47'20"E, 12.viii.2017, Vujić A., Radenković S. leg., 1♀, 17027

(FSUNS). **NORTH MACEDONIA:** Kožuf, Došnica, 41°22'12"N, 22°13'19"E, 16.vii.1990, 1♂, Vujić A., Radenković S. leg., 01400 (FSUNS); Babuna, 1000–1200m, 41°34'00"N, 21°34'00"E, 19–20.vii.1963, 1♂ (NBCN); Babuna, 41°34'00"N, 21°34'00"E, 20.vii.1967, 6♂ (NBCN). **SERBIA:** Pčinja, Monastery of Venerable Prohor of Pčinja, 42°19'44"N, 21°53'53"E, 20.vii.2018, 1♂, 20823, Đukić A. leg. (FSUNS); Prokletije, Krošnje, 42°30'00"N, 19°49'60"E, 28.vii.1994, 1♂, 02889, 1♀, 02890, Vujić A. leg. (FSUNS); Prokletije, towards Ljubokuća, 42°30'27"N, 19°47'51"E, 27.vii.1994, 1♂, 01404, Radišić P. leg., 2♀, 01403, 01405, Vujić A. leg. (FSUNS).

Merodon dzhalitae Paramonov

UKRAINE, Crimea: Sudak n. Kurortnoe, 44°54'36"N, 35°10'48"E, 27.vii.1988, 1♂, 05826, 05.viii.1988, 1♂, 05824, 09.viii.1988, 1♂, 05827, 1♀, 05828, Barkalov A. leg. (SZMN); Karadag nature reserve, Karadag valley, ravine wood, in grass, 44°55'N, 35°13'E, 30.vii.1997, 1♂, Popov G.V. leg., SIZK.2018.017 (SIZK); Karadag nature reserve, Karadag valley, ravine wood, in grass, *Mentha longifolia* flowers, 44°55'N, 35°13'E, 02.viii.1998, 1♀, Popov G.V. leg., SIZK.2018.019 (SIZK); Karadag nature reserve, 16 km SW Feodosiya, Karadag valley, steppe portions among ravine woods and shyblyak, in grass, *Limonium platyphyllum* flowers, 44°57'N, 35°13'E, 16.viii.1999, 1♂, SIZK.2018.018, 1♀, SIZK.2018.020, Popov G.V. leg. (SIZK); Aharmysh mountain, 45°01'N, 35°01'E, 05.v.2018, 1♀, Mishustin R. leg., SIZK.2018.021 (SIZK); Aharmysh mountain, 1.vii.2017, 1♀, SIZK.2019.007 (SIZK); Eastern Crimea, Stary Krym, 8.vi.2017, 2♀, SIZK.2019.004, SIZK.2019.005 (SIZK); Southern Crimea, Ayu-Dag mountain, vic. of Yalta, 1♂, SIZK.2019.006 (SIZK).

Merodon gudaurensis Portsichinsky

GEORGIA: Samegrelo province, plateau of Askhi, 2100m, 42°35'N, 42°33'E, 10.vii.2018, 1♂, SIZK.2018.008, 13.vii.2018, 1♂, SIZK.2018.010, 14.vii.2018, 1♂, SIZK.2018.009, 19.vii.2018, 1♀, SIZK.2018.022, 21.vii.2018, 1♂, SIZK.2018.023, 22.vii.2018, 1♂, SIZK.2018.024, 22.vii.2018, 1♀, SIZK.2018.025, Mishustin R. leg. (SIZK).

Merodon nitens Hurkmans & Vujić, sp. nov.

ITALY, Sicily: Motta, 37°30'48"N, 14°58'18"E, 21.v.1966, 1♀ (NBCN); Monti Nebrodi, Biviere di Cesaro, 1250–1350m, 37°49'60"N, 14°43'00"E, 30.vii.–07.viii.1961, 2♂, v.d. Goot V.S. leg., 04235, 04233 (NBCN); Monti Nebrodi, Biviere di Cesaro, 37°49'60"N, 14°43'00"E, 07.viii.1961, 6♂, 1♀ (NBCN).

Merodon rubidiventris Costa

FRANCE, Corsica: Corsica, 42°00'00"N, 9°00'00"E, 1♂, ZMUC00513567 (ZMUC), remark: 'Wustnei collection'; Bocognano, 42°05'35"N, 9°03'58"E, 23.vii.2016, 2♂, Vujić A., Veselić S. leg., 12606, 12607 (FSUNS); La Restonica – Frasseta, river banks near Corte, 42°15'17"N, 9°04'12"E, 20.vii.2016, 3♂, Vujić A., Veselić S. leg., 12624, 12625, 12626 (FSUNS); Haute-Corse, near Corte banks of Restonica river, 42°18'00"N, 9°09'00"E, 25.viii.1980, 5♂, Pronk P.H. leg., 03098, 04234 (NBCN), 1♂, 04240 (FSUNS); Corte, 42°18'36"N,

9°09'00"E, 01.viii.1938, 1♀, Freeman P. leg. (NHMUK); Foret de Carozzica, 900m, 42°25'60"N, 8°57'00"E, 20.vii.1956, 1♀, 03099 (NBCN); Asco 42°27'04"N, 9°02'05"E, 22.vii.2016, 2♂, Vujić A., Veselić S. leg., 12633, 12634 (FSUNS). **GREECE**: Phocis, Delphi, 700–850m, 38°28'56"N, 22°30'13"E, 19–22.v.1984, 1♂, Hurkmans W. leg., 09687 (NBCN), remark: *Merodon mariae* (Hurkmans 1993). **ITALY**, Sardinia: Gennargentu, 39°53'30"N, 9°21'55"E, 17.viii.2016, 4♂, 12919, 12920, 12921, 12922, 1♀, 12923, Vujić A., Šašić Lj. leg. (FSUNS); Punta Gurturgius, Nuoro, prov. Monte Albo, 40°20'07"N, 9°20'33"E, 28.v.2008, 1♂, Ståhls G. leg., 14826 (FSUNS), 1♂, Ståhls G. leg., 08908 (FSUNS); Punta Gurturgius, Nuoro dist. Siniscola, 40°33'21"N, 9°37'36"E, 28.v.2008, 1♂, E.M. & Laasonen L. leg., 14827 (FSUNS); Bucht bei Torre di Chia, 'Maccia', 17.x.1995, 1♂, Degen B., Degen G. leg., 09697 (FSUNS).

Table S1. List of specimens used for wing geometric morphometric and molecular analyses

Collection	Species	Collection locality	ID	Wing ID	DNA ID	GenBank accession number for 3'COI gene	GenBank accession number for 5'COI gene	GenBank accession number for 28S rRNA gene
MZH	<i>Merodon triangulum</i> Vujčić, Radenković & Hurkmans, sp. nov.	Crotia, Velebit, Brusani, 18.vii.2011, leg. Vujčić A., female	id.luomus.fi/GJ.2046		Y2075	MK655474	MK655474	MK734181
SIZK	<i>Merodon dzhaliatae</i> Paramonov, 1926	Ukraine (eastern Crimea), Stary Krym; 8.vi.2017, leg. Mishustin R., female	SIZK.2019.004		AU1572	MN885806	MN885806	MN888514
SIZK	<i>Merodon dzhaliatae</i>	Ukraine (eastern Crimea), Stary Krym; 8.vi.2017, leg. Mishustin R., female	SIZK.2019.005		AU1573	MN885807	MN885807	MN888515
SIZK	<i>Merodon dzhaliatae</i>	Ukraine (southern Crimea), Ayu-Dag Mountain, vic. of Yalta, leg. Mishustin R., male	SIZK.2019.006		AU1574	MN885808	MN885808	MN888516
SIZK	<i>Merodon dzhaliatae</i>	Ukraine (eastern Crimea), Stary Krym, Aharmysh Mountain; 1.vii.2017, leg. Mishustin R., female	SIZK.2019.007		AU1575	MN885809	MN885809	MN888517
SIZK	<i>Merodon dzhaliatae</i>	Ukraine, Crimea, Aharmysh Mountain, 05.v.2018, leg. Mishustin R., female	SIZK 2018. 021		AU1605	MN885810	MN885810	MN888518
SIZK	<i>Merodon caucasicus</i> Portschiński, 1877	Georgia, Batumi vic., 25.vi.2015, leg. Mishustin R., male	SIZK.2019.003		AU1571	MN885811	MN885811	MN888519
FSUNS	<i>Merodon solitarius</i> Vujčić, Šašić Zorić & Likov, sp. nov.	Iran, Keleybar forest, date unknown, leg. Khaghaninia, female	10278		AU1125	MN885812	MN885812	MN888520
M.S. coll.	<i>Merodon chrysotrichos</i> Vujčić, Radenković & Likov, sp. nov.	Greece, Evros, Avas, Dervenı , 28.v.2008, leg. Williams M.de C., male	05170		AU1124	MN885813	MN885813	
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Bozdag, Ski Center 1, 24.vi.2016, leg. Vujčić A., Ačanski J., Uzal A., female	12043		AU1259	MN885814	MN885814	MN888521
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Bozdag, Ski Center 2, 25.vi.2016, leg. Vujčić A., Ačanski J., Uzal A., male	12138		AU1260	MN885815	MN885815	MN888522
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Bozdag, Ski Center 2, 25.vi.2016, leg. Vujčić A., Ačanski J., Uzal A., male	12125		AU1261	MN885816	MN885816	MN888523
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Bozdag, Ski Center 2, 25.vi.2016, leg. Vujčić A., Ačanski J., Uzal A., female	12124		AU1262	MN885817	MN885817	MN888524
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Mersin, 09.iv.1996, leg. Mishustin R., female	SIZK 2018. 012		AU1602	MN885818	MN885818	MN888525
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Ulupinar, Antalya prov., 21.iii.1996, leg. Mishustin R., female	SIZK 2018. 011		AU1603	MN885819	MN885819	MN888526
FSUNS	<i>Merodon chrysotrichos</i> , sp. nov.	Turkey, Mountain Samsun, Davutlar, 02.vi.2014, leg. Hayat R., Vujčić A., Ačanski J., female	06766		TS85	MN885876	MN885876	MN888581
EMIT	<i>Merodon chrysurus</i> Hurkmans & Vujčić, sp. nov.	Turkey, Isparta, Yenişarbademli, 21.vi.2016, leg. Hayat R., Vujčić A., Demirozer O., Ačanski J., male	12322		AU1263	MN885820	MN885820	
FSUNS	<i>Merodon chrysurus</i> , sp. nov.	Turkey, Isparta, Yenişarbademli, 26.viii.2014, leg. Hayat R., Vujčić A., Demirozer O., Uzal A., female	08446		TS21	MN885877	MN885877	MN888582
FSUNS	<i>Merodon rubidiventris</i> Costa, 1884	France, Corsica, Bocognano, 23.vii.2016, leg. Vujčić A., Veselić S., male	12606		AU1450	MN885821	MN885821	MN888527
FSUNS	<i>Merodon rubidiventris</i>	France, Corsica, La Restonica-Frassetta, 20.vii.2016, leg. Vujčić A., Veselić S., male	12624		AU1452	MN885822	MN885822	MN888528
FSUNS	<i>Merodon rubidiventris</i>	Italy, Sardinia, Gennargentu, 17.viii.2016, leg. Vujčić A., Šašić Lj., male	12919		AU1453	MN885823	MN885823	MN888529
FSUNS	<i>Merodon rubidiventris</i>	Italy, Sardinia, Gennargentu, 17.viii.2016, leg. Vujčić A., Šašić Lj., male	12921		AU1454	MN885824	MN885824	MN888530
FSUNS	<i>Merodon rubidiventris</i>	Italy, Sardinia, Gennargentu, 17.viii.2016, leg. Vujčić A., Šašić Lj., female	12923		AU1455	MN885825	MN885825	MN888531
FSUNS	<i>Merodon mishustini</i> Popov, sp. nov.	Turkey, Bursa vic., 16.iv.1995, leg. Mishustin R., male	SIZK 2017. 001		AU1569	MN885826	MN885826	MN888532
FSUNS	<i>Merodon mishustini</i> , sp. nov.	Turkey, NE Istanbul (Anatolian part), Öyümce vic., 8.v.1995, leg. Mishustin R., female	SIZK 2017. 002		AU1570	MN885827	MN885827	
SIZK	<i>Merodon mishustini</i> , sp. nov.	Turkey, Kemer vic., Antalya prov., 27.iii.1996, leg. Mishustin R., male	SIZK 2018. 007		AU1591	MN885828	MN885828	
SIZK	<i>Merodon mishustini</i> , sp. nov.	Turkey, Uncukuru 25 km W Bursa, <i>Quercus</i> sp. forest, 15.vii.1996, leg. Mishustin R., male	SIZK 2018. 005		AU1592	MN885829	MN885829	MN888533
SIZK	<i>Merodon mishustini</i> , sp. nov.	Turkey, Uncukuru 25 km W Bursa, <i>Quercus</i> sp. forest, 21.iii.1996, leg. Mishustin R., female	SIZK 2018. 001		AU1601	MN885830	MN885830	MN888534
SIZK	<i>Merodon gudaurensis</i> Portschiński, 1877	Georgia, Samegrelo province, plateau of Askhi, 10.vii.2018, leg. Mishustin R., male	SIZK 2018. 008		AU1593	MN885831	MN885831	MN888535
SIZK	<i>Merodon gudaurensis</i>	Georgia, Samegrelo province, plateau of Askhi, 13.vii.2018, leg. Mishustin R., male	SIZK 2018. 010		AU1604	MN885832	MN885832	MN888536

Collection	Species	Collection locality	ID	Wing ID	DNA ID	GenBank accession number for 3'COI gene	GenBank accession number for 5'COI gene	GenBank accession number for 28S rRNA gene
FSUNS	<i>Merodon confinium</i> Šašić Zorić & Vujić, sp. nov.	Greece, Mount Erymanthos, Kalentzi, 02.ix.2012, leg. Vujić A., female	AB68		E128/AU1706	MN885833	MN885833	MN888537
FSUNS	<i>Merodon analis</i> Meigen, 1822	Serbia, Tara, Beli Rzav, 06.viii.2010, leg. Vujić A., male	G0246		AU1110	MN885834	MN885834	MN888538
FSUNS	<i>Merodon analis</i>	Serbia, Kopaonik, Kukavica, 04.viii.2010, leg. Vujić A., female	G0247		AU1111	MH511649	MH511649	MN888539
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Glavica, 25.vi.2011, leg. Vujić A., male	K51		AU1115	MN885835	MN885835	MN888540
FSUNS	<i>Merodon analis</i>	Italy, Passo Durone, Zuclo – Ponte Arche, 16.vii.2013, leg. Vujić A., male	AB49		AU1121	MN885836	MN885836	MN888541
P.S. coll.	<i>Merodon analis</i>	Austria, Dornbirn, Kühberg, 26.vii.2015, leg. Pruner S., male	10904	WM2809				
P.S. coll.	<i>Merodon analis</i>	Austria, Dornbirn, Kühberg, 26.vii.2015, leg. Pruner S., male	10905	WM2810				
NHMW	<i>Merodon analis</i>	Austria, Hundsheimer Berge, 28.viii.1918, leg. unknown, male	02891	WM2789				
NHMW	<i>Merodon analis</i>	Austria, Hundsheimer Berge, 28.viii.1918, leg. unknown, female	02892	WM2790				
FSUNS	<i>Merodon analis</i>	Bosnia and Herzegovina, Konjuh, 30.vii.1989, leg. Vujić A., Radenković S., male	01399	WM2808				
FSUNS	<i>Merodon analis</i>	Bosnia and Herzegovina, Sutjeska NP, 28.vi.2009, leg. Rattel E., male	14825	WM2814				
FSUNS	<i>Merodon analis</i>	Croatia, Licko Senjska county, Plitvička jezera, 22.vii.1986, leg. Vujić A., Radenković S., male	01398	WM2754				
M.B. coll.	<i>Merodon analis</i>	Czech Republic, Nacionalni Park Podyjí, Siroke Pole, 01–03.vii.2003, leg. Barták M., Kubík, female	02899	WM2781				
M.B. coll.	<i>Merodon analis</i>	Czech Republic, Nacionalni Park Podyjí, Siroke Pole, 08–10.viii.2003, leg. Barták M., Kubík, female	02894	WM2778				
M.B. coll.	<i>Merodon analis</i>	Czech Republic, Nacionalni Park Podyjí, Siroke Pole, 08–10.viii.2003, leg. Barták M., Kubík, male	02896	WM2779				
M.B. coll.	<i>Merodon analis</i>	Czech Republic, Nacionalni Park Podyjí, Siroke Pole, 08–10.viii.2003, leg. Barták M., Kubík, female	02897	WM2812				
M.B. coll.	<i>Merodon analis</i>	Czech Republic, Nacionalni Park Podyjí, Soosem, 08–10.viii.2003, leg. Barták M., Kubík, female	02898	WM2780				
FSUNS	<i>Merodon analis</i>	Italy, 29.vi.2006, leg. Vujić A., female	03778	WM2785				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, 18.vii.2006, leg. Vujić A., male	03774	WM2783				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 18.vii.2006, leg. Vujić A., male	03773	WM2782				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 18.vii.2006, leg. Vujić A., male	03777	WM2784				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 29.vi.2006, leg. Vujić A., male	03780	WM2786				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 29.vi.2006, leg. Vujić A., male	03782	WM2787				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 29.vi.2006, leg. Vujić A., male	03779	WM2791				
FSUNS	<i>Merodon analis</i>	Italy, Veneto, Livenza, 29.vi.2006, leg. Vujić A., male	03775	WM2792				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Glavica, 08.viii.2013, leg. Nedeljković Z., female	G2788	WM2762	AU1123	MN885837	MN885837	MN888542
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Glavica, 08.viii.2013, leg. Nedeljković Z., male	G2792	WM2769				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Glavica, 19.vi.2011, leg. Vujić A., male	K81	WM2764				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Glavica, 26.vi.2011, leg. Vujić A., male	K58	WM2774	AU1116	MN885838	MN885838	MN888543
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Grabovo, 30.vi.2016, leg. Vujić A., Radenković S., Stáhl G., male	13372	WM2806				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Grabovo, 30.vi.2016, leg. Vujić A., Radenković S., Stáhl G., male	13373	WM2807				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Kraljeva stolica, 04.vii.2009, leg. Nedeljković Z., male	11165	WM2805				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Nr Andrevlje, 20.vi.2009, leg. Stáhl G., male	14824	WM2813				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Papratski Do, 10.viii.2013, leg. Nedeljković Z., male	18361	WM2752				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Papratski Do, 10.viii.2013, leg. Nedeljković Z., female	18363	WM2824				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Paragovo, 20.viii.2010, leg. Radišić P., female	G1676	WM2761				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Nedeljković Z., male	11155	WM2799				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Nedeljković Z., male	11156	WM2800				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Nedeljković Z., male	11157	WM2801				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Tot T., male	11158	WM2802				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Tot T., male	11159	WM2803				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 05.viii.2015, leg. Tot T., male	11160	WM2804				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Nedeljković Z., female	G2786	WM2751				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Nedeljković Z., male	G2791	WM2766				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Nedeljković Z., female	G2787	WM2788				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Nedeljković Z., male	G2794	WM2793				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Nedeljković Z., male	G2795	WM2811				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Stražilovo, 06.viii.2013, leg. Ricarte A., male	10991	WM2768				
FSUNS	<i>Merodon analis</i>	Serbia, Fruška gora, Testera, 28.viii.1980, leg. Vujić A., Radenković S., male	01406	WM2753				

Collection	Species	Collection locality	ID	Wing ID	DNA ID	GenBank accession number for 3'COI gene	GenBank accession number for 5'COI gene	GenBank accession number for 28S rRNA gene
FSUNS	<i>Merodon analis</i>	Serbia, Golija, Čeka, 12.vii.2016, leg. Vujić A., Nedeljković Z., male	12404	WM2797				
FSUNS	<i>Merodon analis</i>	Serbia, Ivanjica, Klekovića, 14.vii.2016, leg. Vujić A., Nedeljković Z., male	12344	WM2796				
FSUNS	<i>Merodon analis</i>	Serbia, Kopaonik, Klisura Samokovske reke, 19.vii.1985, leg. Vujić A., Radenković S., male	01409	WM2758				
FSUNS	<i>Merodon analis</i>	Serbia, Pčinja, Monastery of Venerable Prohor of Pčinja, 20.vii.2018, leg. Đukić A., male	20824	WM3024	AU1614	MN885839	MN885839	MN888544
FSUNS	<i>Merodon analis</i>	Serbia, Tara, Kanjon Rače, 05.viii.2010, leg. Vujić A., male	C99	WM2763				
FSUNS	<i>Merodon analis</i>	Serbia, Tara, Kanjon Rače, 05.viii.2010, leg. Vujić A., male	D4	WM2771				
FSUNS	<i>Merodon analis</i>	Serbia, Tara, Kanjon Rače, 05.viii.2010, leg. Vujić A., male	D1	WM2773				
FSUNS	<i>Merodon analis</i>	Serbia, Vršacke planine, Malo Središte, 02.vii.2014, leg. Markov Z., female	18362	WM2823				
FSUNS	<i>Merodon analis</i>	Serbia, Zlatar, Panorama, 04.ix.2016, leg. Markov Z., female	10557	WM2795				
FSUNS	<i>Merodon analis</i>	Slovenia, Strahovica, Velika planina, 16.viii.2018, leg. Vujić A., Miličić M., Kočiš Tubić N., Šašić Zorić L., Šebić A., female	20590		AU1616	MN885840	MN885840	MN888545
M.S. coll.	<i>Merodon analis</i>	France, Doubs, Valbois, 01.viii.2017, leg. Langlois D.			AU1496	MN885841	MN885841	MN888546
M.S. coll.	<i>Merodon analis</i>	France, Doubs, RNN Ravin de Valbois, viii.2017, leg. Langlois D., female			AU1589	MN885842	MN885842	MN888547
FSUNS	<i>Merodon constans</i> (Rossi, 1794)	Montenegro, Lovćen, Lovćen 4, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20381		AU1606	MN885843	MN885843	MN888548
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 5, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20817		AU1607	MN885844	MN885844	MN888549
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20416		AU1608	MN885845	MN885845	MN888550
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male,	A53		AU1114	MN885846	MN885846	MN888551
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen, Crkvice, 28.viii.2011, leg. Vujić A., Radišić P., female,	P90		AU1117	MN885847	MN885847	MN888552
MTGM	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Malidžan S., male	20376		AU1609	MN885848	MN885848	MN888553
MTGM	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Malidžan S., female	20372		AU1610	MN885849	MN885849	MN888554
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja, 9-10.viii.2018, leg. Malidžan S., male	20364		AU1613	MN885850	MN885850	MN888555
FSUNS	<i>Merodon constans</i>	Croatia, Splitsko Dalmatinska county, Hvar, 1-20.viii.1981, leg. Vujić A., Radenković S., female	01397	WM2720				
FSUNS	<i>Merodon constans</i>	North Macedonia, Kožuf, Došnica, 16.vii.1990, leg. Vujić A., Radenković S., male	01400	WM2721				
FSUNS	<i>Merodon constans</i>	Italy, Bologna, Castiglione dei Pepoli, 16.vii.2013, leg. Vujić A., Neotype, male	AB50	WM2705	AU1120	MN885851	MN885851	MN888556
FSUNS	<i>Merodon constans</i>	Italy, Umbria – prov. Perugia, Norcia – Torrente Como – River Nera – Biselli, 23.vii.2010, leg. Barendregt A., male	G0969	WM2718	AU1122	MN885852	MN885852	MN888557
FSUNS	<i>Merodon constans</i>	Montenegro, Boka Kotorska, Morinj, 24-25.ix.1997, leg. Vujić A., male	01414	WM2722				
FSUNS	<i>Merodon constans</i>	Montenegro, Boka Kotorska, Morinj, 24-25.ix.1997, leg. Vujić A., female	01413	WM2743				
FSUNS	<i>Merodon constans</i>	Montenegro, Boka Kotorska, Morinj, 27.viii.2011, leg. Vujić A., male	S42	WM2681				
FSUNS	<i>Merodon constans</i>	Montenegro, Boka Kotorska, Morinj, 27.viii.2011, leg. Vujić A., female	S37	WM2737	AU1130	MN885853	MN885853	MN888558
FSUNS	<i>Merodon constans</i>	Montenegro, Boka Kotorska, Morinj, 30-31.viii.1997, leg. Vujić A., male	01412	WM2717				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica – Nevidio, 25.vii.2010, leg. Vujić A., male	D70	WM2724				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A48	WM2677				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A47	WM2679				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A46	WM2688				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A52	WM2714	AU1113	MN885854	MN885854	MN888559
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A51	WM2716	AU1112	MN885855	MN885855	MN888560
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A49	WM2740				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Komarnica, 22.vii.2009, leg. Vujić A., male	A50	WM2741				
FSUNS	<i>Merodon constans</i>	Montenegro, Durmitor, Pošćensko jezero, 06.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16297	WM2828	AU1444	MN885856	MN885856	MN888561
FSUNS	<i>Merodon constans</i>	Montenegro, Komarnica, Nevidio, 30.viii.2012, leg. Vujić A., male	G2303	WM2683				
FSUNS	<i>Merodon constans</i>	Montenegro, Komarnica, Nevidio, 30.viii.2012, leg. Vujić A., male	G2301	WM2689				
FSUNS	<i>Merodon constans</i>	Montenegro, Komarnica, Nevidio, 30.viii.2012, leg. Vujić A., male	G2299	WM2711				
FSUNS	<i>Merodon constans</i>	Montenegro, Komarnica, Nevidio, 30.viii.2012, leg. Vujić A., male	G2300	WM2712				
FSUNS	<i>Merodon constans</i>	Montenegro, Komarnica, Nevidio, 30.viii.2012, leg. Vujić A., male	G2302	WM2713	AU1119	MN885857	MN885857	MN888562
MTGM	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Malidžan S., male	20377	WM2915				
MTGM	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Malidžan S., male	20378	WM2916				
MTGM	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Malidžan S., male	20379	WM2917				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., female	20373	WM2911				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., female	20374	WM2912				

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FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., female	20375	WM2913				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20417	WM2926				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20418	WM2927				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20419	WM2928				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 1, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20427	WM2929				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 2, 12.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20380	WM2918				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 3, 12.viii.2018, leg. Vujić A., female	20371	WM2909				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 4, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20381	WM2919				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 4, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20382	WM2920				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 5, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20383	WM2921				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 5, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20384	WM2922				
FSUNS	<i>Merodon constans</i>	Montenegro, Lovćen, Lovćen 5, 13.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20385	WM2923				
FSUNS	<i>Merodon constans</i>	Montenegro, Maglić, Mratinje I, 12.viii.2017, leg. Vujić A., Radenković S., female	17027	WM2819				
FSUNS	<i>Merodon constans</i>	Montenegro, Maglić, Mratinje II, 12.viii.2017, leg. Vujić A., Radenković S., male	17020	WM2820				
FSUNS	<i>Merodon constans</i>	Montenegro, Maglić, Mratinje II, 12.viii.2017, leg. Vujić A., Radenković S., male	17003	WM2830				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., female	R88	WM2682				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	S8	WM2686				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., female	S4	WM2687				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R64	WM2690				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R79	WM2691				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	S7	WM2693				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R29	WM2695				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R28	WM2706				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	S28	WM2707				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	S31	WM2708				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R76	WM2710				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., female	S21	WM2723	AU1118	MN885858	MN885858	MN888563
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., male	R58	WM2739				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Planinarski dom, 27.viii.2011, leg. Vujić A., female	R51	WM2750				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Pre Vratne, 31.viii.2012, leg. Vujić A., male	G2304	WM2685				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Pre Vratne, 31.viii.2012, leg. Vujić A., female	G2307	WM2694				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen (Orijen), Pre Vratne, 31.viii.2012, leg. Vujić A., female	G2305	WM2736				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen, Crkvice, 28.viii.2011, leg. Vujić A., Radišić P., male	R5	WM2744				
FSUNS	<i>Merodon constans</i>	Montenegro, Orjen, Crkvice, 28.viii.2011, leg. Vujić A., Radišić P., female	R10	WM2725				

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FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16418	WM2817	AU1447	MN885859	MN885859	MN888564
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., female	16417	WM2818				
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16416	WM2825				
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16414	WM2826				
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., female	16413	WM2827				
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16415	WM2838	AU1445	MN885860	MN885860	MN888565
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, Polja Pejovića, 5.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16260	WM2829	AU1457	MN885861	MN885861	MN888566
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, Stabansko jezero, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16351	WM2815	AU1449	MN885862	MN885862	MN888567
FSUNS	<i>Merodon constans</i>	Montenegro, Plužine, Stabansko jezero, 4.vii.2017, leg. Vujić A., Ačanski J., Kočiš Tubić N., male	16352	WM2816	AU1448	MN885863	MN885863	MN888568
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 1, 9–10.viii.2018, leg. Malidzan S., male	20364	WM2902				
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Malidzan S., female	20365	WM2903				
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Malidzan S., female	20366	WM2904				
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Malidzan S., male	20367	WM2905				
MTGM	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Malidzan S., male	20368	WM2906				
FSUNS	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20369	WM2907	AU1611	MN885864	MN885864	MN888569
FSUNS	<i>Merodon constans</i>	Montenegro, Prokletije, Grebaja 2, 10–11.viii.2018, leg. Vujić A., Radenković S., Šebić A., Ranković M., male	20370	WM2908	AU1612	MN885865	MN885865	MN888570
FSUNS	<i>Merodon constans</i>	Montenegro, Prokletije, Ka Ljubokući, 27.vii.1994, leg. Vujić A., female	01403	WM2759				
MTGM	<i>Merodon constans</i>	Montenegro, Stabna, Livade pre uspona, 4.vii.2017, leg. Malidzan S., female	16510	WM2837				
FSUNS	<i>Merodon constans</i>	Montenegro, Tomaševo, Muslići, 18.vii.2016, leg. Grković A., male	12537	WM2742				
FSUNS	<i>Merodon constans</i>	Montenegro, Vojnik, 11.viii.2017, leg. Vujić A., Radenković S., male	17074	WM2836				
FSUNS	<i>Merodon constans</i>	Montenegro, Volujak, Stabansko jezero gornje, 10.viii.2017, leg. Vujić A., Radenković S., male	17141	WM2821				
FSUNS	<i>Merodon constans</i>	Montenegro, Volujak, Stabansko jezero gornje, 10.viii.2017, leg. Vujić A., Radenković S., male	17242	WM2831				
FSUNS	<i>Merodon constans</i>	Montenegro, Volujak, Stabansko jezero gornje, 10.viii.2017, leg. Vujić A., Radenković S., female	17122	WM2832				
FSUNS	<i>Merodon constans</i>	Montenegro, Volujak, Stabansko jezero gornje, 10.viii.2017, leg. Vujić A., Radenković S., male	17143	WM2834				
FSUNS	<i>Merodon constans</i>	Serbia, Pčinja, Monastery of Venerable Prohor of Pčinja, 20.vii.2018, leg. Đukić A., male	20823	WM3023	AU1615	MN885866	MN885866	MN888571
FSUNS	<i>Merodon spineus</i> Vujić, Šašić Zorić & Likov, sp. nov.	Greece, Corfu, Strinilas, 08.viii.2014, leg. Vujić A., male	07787		AU620	MN885867	MN885867	MN888572
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Liapades, 08.viii.2014, leg. Vujić A., female	07857		AU624	MN885868	MN885868	MN888573
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 08.viii.2014, leg. Vujić A., male	07799	WM2699	AU621	MN885869	MN885869	MN888574
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 08.viii.2014, leg. Vujić A., male	07821	WM2701				
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 08.viii.2014, leg. Vujić A., male	07809	WM2719	AU622	MN885870	MN885870	MN888575
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 10.viii.2014, leg. Vujić A., Nedeljković Z., male	07840	WM2678	AU623	MN885871	MN885871	MN888576
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 10.viii.2014, leg. Vujić A., Nedeljković Z., male	07827	WM2698				
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 10.viii.2014, leg. Vujić A., Nedeljković Z., male	07847	WM2700				

Collection	Species	Collection locality	ID	Wing ID	DNA ID	GenBank accession number for 3'COI gene	GenBank accession number for 5'COI gene	GenBank accession number for 28S rRNA gene
FSUNS	<i>Merodon spineus</i> , sp. nov.	Greece, Corfu, Strinilas, 10.viii.2014, leg. Vujić A., Nedeljković Z., male	07830	WM2704				
FSUNS	<i>Merodon aureus</i> Fabricius, 1805	Italy, Ballino, Trentino, 5.vi.2013, leg. Vujić A., male	LJ77		AU708	MN562303	MN562303	MN562908
FSUNS	<i>Merodon cinereus</i> Fabricius, 1794	Austria, Alpes, Hohe Tauern, Unter Tiliach, 23–24.vii.2011, leg. Vujić A., male	M30		AU360	MH133993, KU365476	MH133993, KU365476	KU365601
FSUNS	<i>Merodon chalybeus</i> Wiedemann in Meigen, 1822	Spain, Cartaya-El Portil, 27.iv.2015, leg. Vujić A., Obreht D.	08917		AU760	MN623532	MN623532	MN708264
FSUNS	<i>Merodon natans</i> (Fabricius, 1794)	Greece, Naxos, Near Eggares, 10.x.2014, leg. Vujić A., Šimić S., Radenković S., female	08630		AU1552	MN885872	MN885872	MN888577
FSUNS	<i>Merodon pulveris</i> Vujić & Radenković, 2011	Greece, Rhodes, Loutanis River, Afant-ou-Archangelos, 08.iv.2012, leg. Vujić A., female	T50		AU1561	MN885873	MN885873	MN888578
MZH	<i>Merodon italicus</i> Rondani, 1845	Greece, Lesvos Island, Agiassos, 8.vi.2009, leg. Vujic A.	id.luomus.fi/GJ.2943		Y851	HE653258	MK655470	MK734176
FSUNS	<i>Merodon avidus</i> (Rossi, 1790)	Serbia, Đerdap, Ciganski potok, 01.ix.2011, leg. Vujić A., female	S90		S90	MK655475	MK655475	MK734182
MZH	<i>Merodon nigratarsis</i> Rondani, 1845	Greece, Lesvos, Agiassos, 8.vi.2009, leg. Vujic A., male	id.luomus.fi/GJ.2962		Y870	HE653258, MK655476	MK655476	HE797760
MZH	<i>Merodon testaceus</i> Sack, 1913	Greece, Lesvos, 4 km SSE Agiassos, 9.v.2007, leg. Ståhls G., male	id.luomus.fi/GJ.2799		Y700	HE653262	FM206499	HE797765
MZH	<i>Merodon ottomanus</i> Hurkmans, 1993	Spain, Sierra Nevada, 17.vi.2014, leg. Vujic A., male	id.luomus.fi/GJ.3549		Y2083	MK655471	MK655471	MK734177
MZH	<i>Merodon papillus</i> Vujić, Radenković & Pérez-Bañon, 2007	Greece, Lesvos, Vatoussa, 12.iv.2011, leg. Vujic A.	id.luomus.fi/GJ.2047		Y2076	MK655472	MK655472	MK734178
MZH	<i>Merodon armipes</i> Rondani, 1843	Serbia, Malinik, Monastiriste, 03.v.2012, leg. Vujic A.	id.luomus.fi/GJ.2048		Y2081	MH496000	MH496012	MK734179
MZH	<i>Merodon loewi</i> van der Goot, 1964	Greece, Volos, Platania, 7.v.2007, leg. Standfuss K., male	id.luomus.fi/GJ.3380		Y1290	MN264381	MN295650	HE797756
MZH	<i>Merodon albifrons</i> Meigen, 1822	Greece, Lesvos, 4 km SSE Agiassos, 8.v.2007, leg. Ståhls G., female	id.luomus.fi/GJ.2805		Y706	HE653241	FM206510	HE797743
MZH	<i>Merodon equestris</i> (Fabricius, 1794)	Finland, N: Askola, 12.i.2007, leg. Ståhls G., male	id.luomus.fi/GJ.2774		Y690	EU431486	EU431486	EU431455
MZH	<i>Merodon trochantericus</i> Costa, 1884	Spain, Zafra, 29.iv.2015, leg. Vujić A., Obreht D.	id.luomus.fi/GJ.2045		Y2073	MN885875	MN885875	MN888583
FSUNS	<i>Merodon luteofasciatus</i> Vujić, Radenković & Ståhls, 2018	Greece, Crete, Rethymnon, Orne-Agia Galini, 25.iv.2014, leg. Vujić A., male	06432		AU189	KU365422	KU365486	KU365550
FSUNS	<i>Merodon geniculatus</i> Strobl, 1909	Spain, Zafra, 29.iv.2015, leg. Vujić A., Obreht D., female	09355		AU1191	MN885874	MN885874	MN888579
FSUNS	<i>Merodon rufus</i> Meigen, 1838	Serbia, Deliblatska peščara, 07.vii.2011, leg. Vujić A., female	L91		RU29	MN264363	MN295626	MN264409
FSUNS	<i>Merodon</i> aff. <i>rufus</i>	Greece, Mountain Olympos, Manastir Prionia, 04.ix.2012, leg. Vujić A., female	G2608		RU6	MN264344	MN295607	MN264390
FSUNS	<i>Eumerus pulchellus</i> Loew, 1848	Italy, Sicily, near Belpasso, 06.iv.2015, leg. Vujić A., Radenković S., Nedeljković Z., Miličić M., Ačanski J., male	09289		AU735	MN562427	MN562427	MN888580

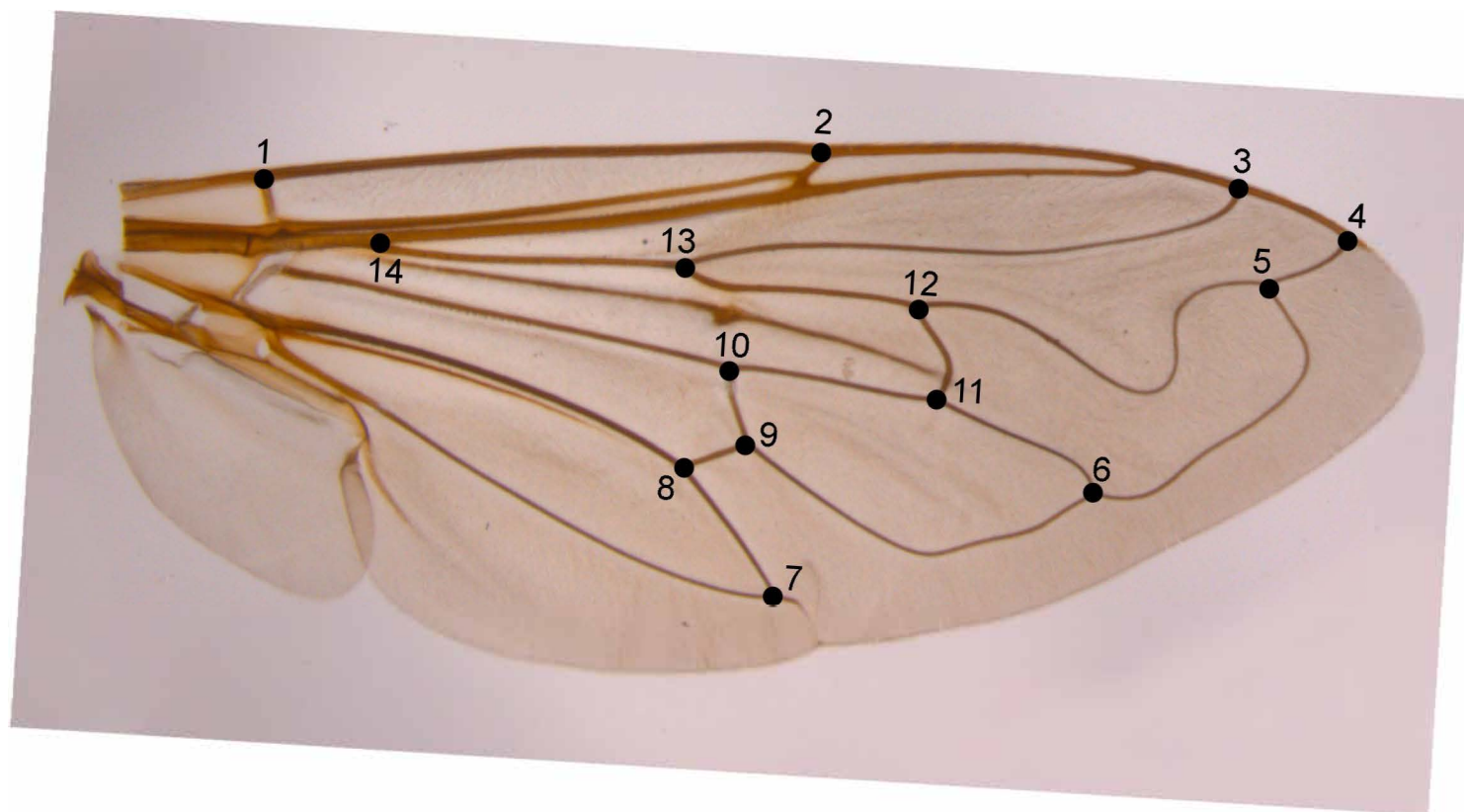
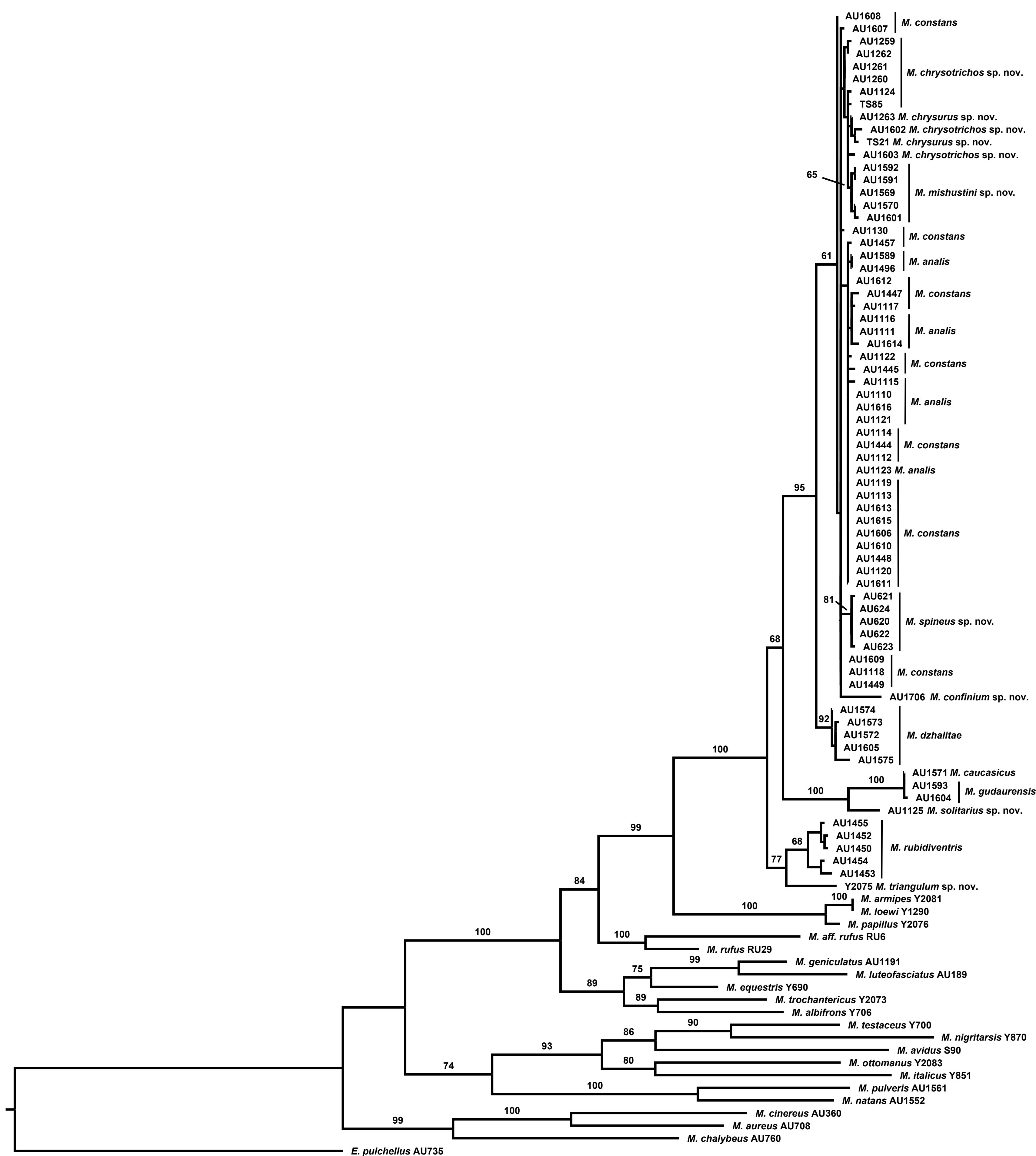


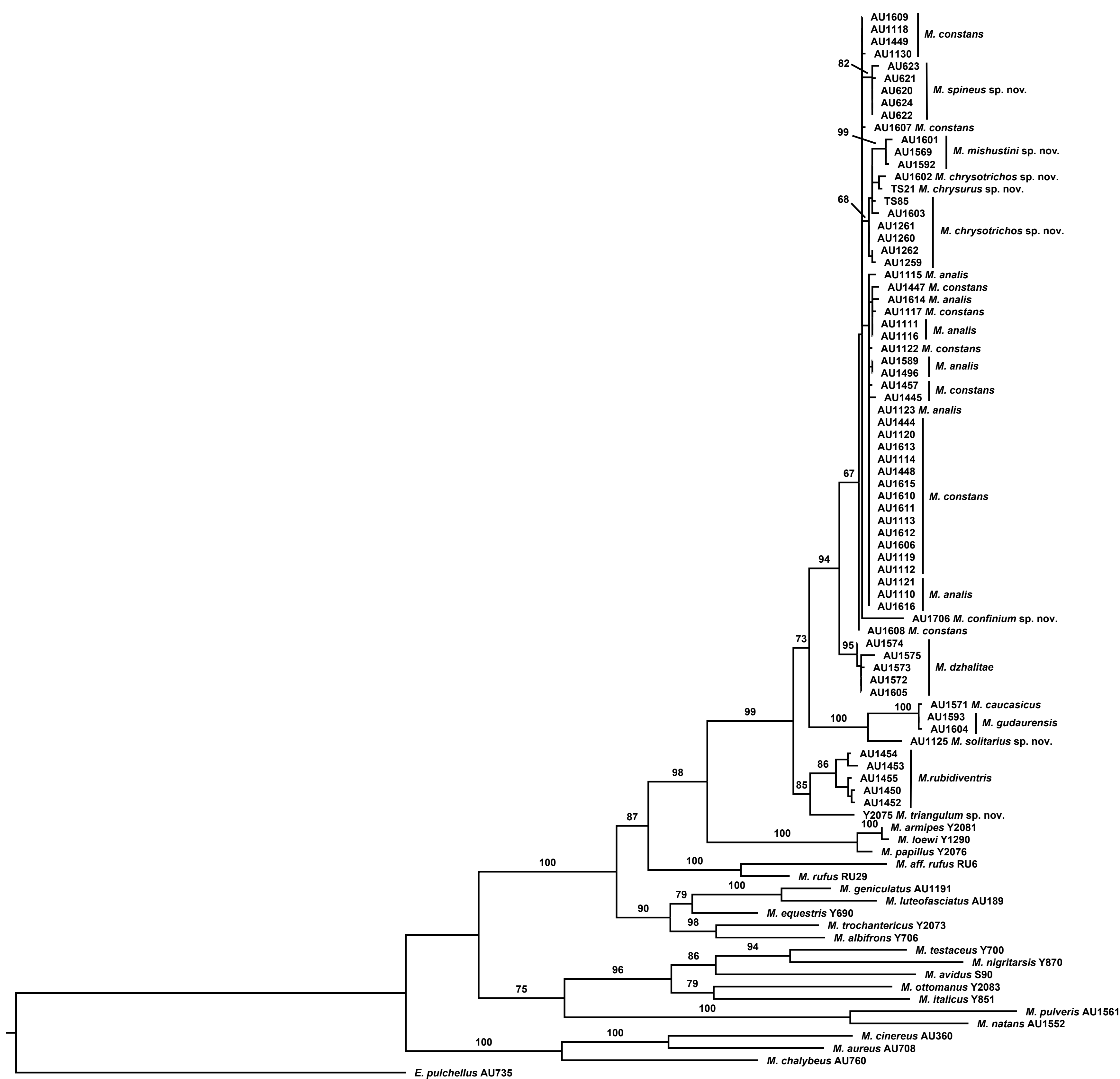
Fig. S1. Landmark coordinates on the wings used in geometric morphometric analysis of the wing shape.

Fig. S2. Maximum-likelihood tree of COI sequences. Bootstrap values $\geq 50\%$ for main clades are indicated near nodes. (*See following page.*)



0.03

Fig. S3. Maximum-likelihood tree of combined COI+28S rRNA gene sequences. Bootstrap values $\geq 50\%$ for main clades are indicated near nodes. (*See following page.*)



Reference

Glumac, S. (1959). Syrphidae (Diptera) Fruske Gore. *Zbornik Matice Srpske za Prirodne Nauke* **17**, 37–78. [In Serbian].