

Integrative taxonomy of the *Merodon aberrans* (Diptera, Syrphidae) species group: distribution patterns and description of three new species

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Supplementary material

TABLE S1 Data used to produce distribution maps of widespread species

Genus	Species	Author	Country	Nearest Place	Locality	Latitude	Longitude
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Russia		Usmanskyy Bor	51.9000	39.5400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Russia		Voronezh	51.6700	39.2100
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Birky	49.6900	36.0400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Bohorodychne	49.0200	37.5100
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Bukyne	49.1300	37.3900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Chorny Lis	48.7800	32.5800
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Chortkiv	49.0100	25.7900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Chystiakove	48.0300	38.6200
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Debaltseve	48.3400	38.4300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Dronivka	48.9200	38.0400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Haidary	49.6200	36.3200
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Horikhova Balka	48.3400	39.5900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kamianka	48.2500	38.4900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kamyani Mohyly	47.3100	37.0800
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kharkiv	50.0100	36.2300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kharkiv vic.	50.0100	36.3100
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Koropove	49.5900	36.3400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kruta Balka	48.1400	37.8300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kukilnyky	49.1900	24.8100

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kvashyne	47.7500	38.5900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Kytsivka	49.8700	36.8200
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Lysa Hora	50.4000	30.5500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Maly Berezhny	48.8600	22.4400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Memryk	48.1200	37.4000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Mykolaivka	48.8500	37.7700
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Nyzhnyokrynkske	47.7900	38.6300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Prydonetske	49.1800	37.1300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Pyskunivka	48.8800	37.8400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Semenivka	49.4400	36.0400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Sloviansk	48.8500	37.6300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Stanychno-Luhansky	48.6700	39.4300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Starodubivka	48.8900	37.7900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Stary Karavan	48.9200	37.7800
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Striltsivsky Step	49.3000	40.1000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Sydorove	48.9900	37.6000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Tryokhizbenka	48.7600	38.9600
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Yaremivka	49.0900	37.4600
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Yasynuvata	48.1300	37.8600
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Yatskivka	49.1800	37.5400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Albania	Mali i	Lunxheries	40.1447	20.1904

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Albania	Kukes	Gjallica e Lumes	42.0158	20.4717
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Albania	Pashtrik		42.2117	20.5292
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Albania	Valbona		42.4500	19.9000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Stolac		43.0788	17.9585
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Prenj		43.5280	17.8294
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Treskavica		43.5422	18.4431
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Trebević		43.7914	18.5083
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Vlašić	Vlašić 3	44.2732	17.6315
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bosnia and Herzegovina	Vlašić	Vlašić 1	44.2995	17.5874
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria	Rhodopes	25 km SSW of Plovdiv	41.9347	24.6792
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria	Rhodopes	Yundola	42.0630	23.8550
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria	Stara planina	Stoletovo	42.1333	25.7500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria		3 km N of Kalofer meadow near river	42.6370	24.9770
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria	Stara planina	Buzludzha	42.7333	25.4000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Bulgaria	Dobrogea	Dobrich	43.5582	27.8248
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Corsica		Tuarelli	42.3863	8.7476
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Croatia	Velebit		44.5308	15.2292
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Croatia	Velebit	Oštarije	44.5308	15.1661
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Croatia	Zagreb		45.8333	16.0000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Czech Republic	Vrchovina	Zoboruv	50.0233	15.3522
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Combe	Lauroux	43.7833	3.2833

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Jura	Mirabel	44.6000	4.5167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Rhone-Alpes	Bois de Echirrolles	45.1333	5.7167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Chambery		45.5608	5.9232
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Rhône-Alpes	Chamboeuf	45.5833	4.3167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Jura	Blye	45.8500	5.2500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Auvergne	Brout - Vernet	46.1833	3.2833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Jura	Bonnefontaine	46.7333	5.7500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Bourgogne	Curley	47.2000	4.9167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Bourgogne	Bois de Curley	47.2000	4.9167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Bourgogne	Gevrey	47.2333	4.9500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Bourgogne	Clénay	47.4000	5.1167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Bourgogne	Bois de Perrigny	47.6833	4.2167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France		Dessenheim	47.9771	7.4741
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France		Val Courbe	47.9876	4.5703
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France		Kiesgrube, Kastenwald	48.0021	7.6210
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France		Dessenheim, Kastenwald	48.0245	7.5009
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Picardie	Aizy	49.4333	3.5167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France	Val Suzon		47.4100	4.8900
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	France		Source Ouche	47.0869	4.6732
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Georgia	Tbilisi		41.88	45.0204
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Germany	Bayern	Faltern	48.5167	12.2500

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Germany	Bavaria	Ingolstadt	48.7000	11.5333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rethymnon	Ag. Galini	35.1000	24.6833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Heraclion	Redhim 12km SW Akoum	35.1667	25.0000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rethymnon	Akoumia	35.1674	24.5784
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rethymnon	Psiloritis	35.2782	24.7000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Chania	Omalos Plain	35.3333	23.9000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Laconia	Mountain Parnon	37.2000	22.6333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Arcadia	Khrisovitsion, 24 km W Tripolis	37.5500	22.2167
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Achaia	Mountain Chelmos above Kalavryta	38.0086	22.1190
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Chelmos		38.0155	22.1490
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Euboea (Evia)	near Dasos Stenis 4	38.5908	23.8521
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Euboea (Evia)	near Dasos Stenis 3	38.5946	23.8521
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Euboea (Evia)	near Dasos Stenis 3	38.5946	23.8521
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Euboea (Evia)	near Dasos Stenis	38.6006	23.8671
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Giona		38.6528	22.2457
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Fthiotida	Tymphrestos above village	38.8976	21.9220
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Gardiki	39.5496	21.2660
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Gardiki	39.5545	21.2654
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Gardiki	39.5545	21.2654
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Kallirroï, Aheloos river	39.6087	21.2781
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Kallirroï, Aheloos river	39.6098	21.2779

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Ioannina	Spilios Agapitos	39.6500	20.6719
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Kastania	39.7107	21.3843
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Ossa		39.7348	22.5948
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Katara Pass	39.7960	21.2290
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Katara Pass	39.8000	21.1833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Tymphi	Gamilla	39.9956	20.8158
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece		Paleoselli	40.0484	20.8897
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Olympos	Spilios Agapitos	40.0788	22.3972
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Olympos	Prionia	40.0837	22.4069
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Olympos		40.1095	22.4132
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Iznad Kastanee	40.1859	20.8504
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Kastoria	Eptahori	40.2214	21.0220
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Kastoria	Mt Epano Arena	40.3499	20.8209
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Kavala	Strum Valley	40.8247	23.8125
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Voras	Kaimaktsalan	40.9285	21.7883
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Florina	Kajmakcalan	40.9293	21.7868
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Evros	Avas	40.9319	25.9024
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Thessaloniki	Lahanas Hills	40.9710	23.1972
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rhodopes	Nea Sanda	41.1019	25.7759
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rodopi	Nea Sanda	41.1019	25.7759
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Rhodopen, Elatio	Forest Camp Elatio, Bachtal Highs	41.4800	24.3275

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Ahaia	Mt. Chelmos	38.09	21.94
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Phtiotida	Giona oros	38.65	22.24
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Mountain Pindos	Katara Pass	39.7900	21.2200
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Greece	Kastoria	Mt. Epano-Arena	40.34	20.82
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Sicily	Floresta Weg Randazzo Voor Flor	37.8833	14.9500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Calabria	Silla Grande, Mnt. Scuro, Scilla	38.2500	15.7165
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Calabria	San Fili	38.4534	16.0329
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Calabria	Sila Grande, Torrente, Cecita	39.3629	16.5232
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Abruzzo, Province of L'Aquila	Villetta Barrea	41.7833	13.9333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Lazio	Albano, Roma	41.9000	12.4833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Abruzzo	Aquila degli Abruzzi, Monte Sirente, Ovindoli	42.1265	13.5252
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy		Majella Park - Passo San Leonardo	42.1444	14.0572
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Ovindoli	Mount Sirente	42.1500	13.6000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Abruzzo	Gran Sasso, Campo Imperatore	42.4167	13.6667
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Aquila degli Abruzzi	Assergi, Fonte Cerreto	42.4281	13.5191
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Abruzzo	Aquila degli Abruzzi, Gran Sasso	42.4500	13.7000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy		Rieti - Monte Terminillo	43.2147	12.4150
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Livorno		43.2333	10.5833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Bologna	Castiglione dei Pepoli, Abetaia (Refugio dell' Abetaia)	44.1341	11.1633
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Italy	Castiglione dei Pepoli		44.1346	11.1616

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Orjen	Posle planinarskog doma pod Vratlom	42.5034	18.5558
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Prokletije	Ka Ljubokući	42.5075	19.7975
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Prokletije	Čafa Borit	42.5089	19.8911
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Orjen	Planinarski dom pod Vratlom	42.5089	18.5586
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Orjen	Orjen	42.5092	18.5569
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Prokletije	Krošnje	42.5125	19.7932
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Orjen	Risan 3	42.5310	18.7082
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Orjen	Risan 1	42.5321	18.6991
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Žijovo	Rikavačko jezero	42.5696	19.5997
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Komovi	Komovi	42.6713	19.6419
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Kanjon Mrtvice	Međurječje - Banjica	42.7200	19.3676
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Kanjon Tare	Kolašin	42.8197	19.5203
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Sinjajevina	Babin zub - severozapadne padine, vododerina	42.8762	19.3846
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Sinjajevina	Babin zub - severozapadne padine, Katunine	42.8960	19.3846
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Pošćenje	42.9738	19.0662
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Pošćenska jezera	42.9775	19.0711
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Tomaševo	Muslići	43.0846	19.6382
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Jablan jezero	43.1663	19.0618
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Sušičko jezero - Zlatica	43.1746	19.0018
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Bioč	Gornja Stabna	43.1760	18.7400

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Bioč	Stabansko jezero	43.1860	18.7310
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Veliki Štuoc 2	43.1878	19.0547
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Veliki Štuoc	43.1878	19.0547
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Pljevlja	S from Kosanica	43.2047	19.3183
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Kanjon Sušice	43.2115	18.9957
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Montenegro	Durmitor	Kanjon Sušice - Škrke	43.2569	18.9942
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia		Pl. Galičica, Mali Kazani - Magaro	40.9464	20.8196
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Prespansko jezero	Oteševo	40.9783	20.9116
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Pelister	Kopanki	41.0415	21.3382
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Pelister	Pritoka Caparske reke	41.1172	21.1686
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Ohrid		41.1667	20.8333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Kožuf	Golema poljana	41.1815	22.2015
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Kožuf	Konska reka	41.1858	22.3264
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Kožuf	Konsko	41.1858	22.3264
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia		Strumička dolina	41.4425	22.7078
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Babuna		41.5667	21.5667
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Bistra Planina	Mavrovo	41.6167	20.7333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Prilep: Pletvar	Derven Češma	41.6372	22.1331
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Mavrovo		41.6513	20.7394
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Jakupica		41.7083	21.4083
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Pl. Pelister	Golema Livada	41.7800	22.5588

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Zelenikovo	Zelenikovo	41.8333	21.5833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Pl. Pelister	Preseka	42.0092	22.5096
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia		Pelister, Preseka	42.0092	22.5096
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Šar planina	Lešnica - Popova Šapka	42.0139	20.8856
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Šar planina	Lešnica - Popova Šapka	42.0164	20.8856
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	North Macedonia	Šar planina	Kobilica	42.0961	20.8842
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania	Dobrogea	Hagieni	43.7960	28.4561
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania	Dobrogea	Hagieni	43.7960	28.4667
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania	Bucarest	Andronache	44.4833	26.1500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania		Szaszka	44.8921	21.7280
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania	Caraș - Severin	Mehadia (village)	44.9008	22.3669
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Romania	Tulcea		45.1667	28.8333
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Russia	Voronezhskaya Oblast	Borisoglebsk	51.3686	42.0906
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Pčinja	Vogance	42.3430	21.9244
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Besna Kobila	Besna kobila 1	42.5445	22.1898
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Kosovo	Priština	42.5736	21.0364
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Stara planina	Temštica	43.1693	22.7939
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Prijepolje	Kamena Gora 1	43.2975	19.5568
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Golija	Odvračenica 2	43.3018	20.3813
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Stara planina	iznad Toplog Dola	43.3138	22.6377
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Kopaonik	Kukavica	43.3230	20.7494

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Stara planina	Topli Do	43.3394	22.6882
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Svrljiške planine	Crni vrh	43.3452	22.2775
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Stara Planina	Babin zub	43.3740	22.6200
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Stara planina	Rekitska reka	43.3827	22.7005
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Ivanjica	Klekovica	43.5245	20.3181
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Juhor	Dobre vode	43.8360	21.2610
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Crnica	43.9151	21.5332
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Juhor	Glavinci	43.9177	21.2496
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Juhor	Kolare - Glavinci	43.9258	21.2500
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Malinik	44.0011	21.9021
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica, Malinik		44.0053	21.9303
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Demižlok	44.0161	21.8802
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica		44.0172	21.8886
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Malinik-Bukova šuma	44.0184	21.8894
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Manastirište	44.0186	21.9602
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Klisura Lazareve reke	44.0228	21.9492
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Zlotska klisura	44.0228	21.9492
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Adamov potok	44.0260	21.9903
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Klisura Lazareve reke	44.0290	21.9583
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Dubašnica	Dubašnica 1	44.0807	21.8850
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia		Iznad Borskog jezera	44.0970	21.9808

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Homolje	Crna reka	44.1833	21.8833
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Maljen	Petnica	44.2464	19.9282
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Đerdap	Ciganski potok	44.5410	22.0202
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Okolina Beograda	Avala	44.6883	20.5139
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Avala	Čarapićev Brest	44.6932	20.5210
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Okolina Beograda	Košutnjak	44.7583	20.4372
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Sočica	45.0927	21.4546
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Mesić	45.1000	21.4000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Fiseš	45.1100	21.4400
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Mesić - Fiseš	45.1162	21.4029
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Vršačka kula	45.1200	21.3300
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršac	Kula	45.1229	21.3262
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Lisičja glava	45.1300	21.3700
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Crkva - šuma	45.1311	21.3975
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Brana	45.1311	21.3975
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Mesić	45.1311	21.3975
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	do odmarališta Sup-a	45.1311	21.3975
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Guduricki vrh	45.1394	21.4131
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršačke planine	Malo srediste	45.1400	21.4000
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Kraljeva stolica	45.1537	19.8219
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Grabovo	45.1672	19.6164

<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Stražilovo	45.1689	19.9172
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Andrevlje	45.1737	19.6461
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Testera - Andrevlje	45.1798	19.6501
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Glavica	45.1859	19.8550
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Fruška gora	Beočin	45.1971	19.7182
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia		Dubašnica, Malinik	44.0010	21.90207291
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Serbia	Vršac	Crveni krst	45.1280	21.3369
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Slovakia	Vinosady u Modre		48.3060	17.2929
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Slovenia	Volovja reber	Suhi vrh	45.5790	14.3158
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Slovenia	Ilirska Bistrica	Volovja Reber	45.5853	14.3153
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Slovenia	Nanos	Vojkova Koča	45.7714	14.0540
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Spain	Borduene		43.2002	-2.7115
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bozdag	Ski Centre 1	38.3326	28.1083
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bozdag	Ski Centre 2 kod Česme	38.3381	28.1081
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bozdag	Česme	38.3829	28.0790
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bursa	Uludag	40.0706	29.2233
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bolu.	Abant Lake (Abant Gölü)	40.6050	31.2797
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Bolu, Yedigöller	Koknarli high plateau	40.8536	31.7544
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Turkey	Beykoz	Polonezköy or Adampol	41.1123	29.2063
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine	m. Krasna	2km W of S. Skomorohy	50.5360	24.3087
<i>Merodon</i>	<i>aberrans</i>	Egger, 1860	Ukraine		Chortkiv	49.0103	25.8010

<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Armenia	Arailer (= Ara) Mount		40.4056	44.4522
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Armenia	Syunik	Zangezur Mountains, 12 km NNW Meghri, Lichkvaz vill. env., Boghaqar Reserve	38.9891	46.1804
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Armenia	Syunik	Zangezur Mountains, 18 km NNW Meghri, Lichk vill. env.	39.3500	46.1892
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Azerbaijan	Gabala (former Kutkašen)		40.9987	47.8833
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Azerbaijan	Qusar	Kusary	41.4264	48.4356
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Georgia		Tbilisi National Park	41.8808	45.0204
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Georgia		Saguramo	41.8944	44.7521
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Georgia	Imereti Region, Borjomi-Kharagauli National Park	Amarati tourist shelter	41.8104	43.1188
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Iran		Chichekli forest	38.7364	46.3317
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Iran		Qaradagh forest	38.8634	46.8460
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Iran		Aynali forest	38.8942	46.7803
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Russia	Ciscaucasia	Beshtau Mount	44.0981	43.0222
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Russia	Adygea	Dakhovskaya vill. env., Belaya River valley	44.1990	40.1700
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Russia	Adygea	Maykop vicinity	44.6000	40.0833
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Russia	Krasnodar Krai Краснодар. кр.	Ljvolskoje Львовское	45.0106	38.6140
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Siirt	21 km W Uludere	37.4068	42.6490
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Ssyrt	21 km W Uludere	37.4068	42.6490
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	Sat dağları (Mount Sat), Varegos, SW from	37.4667	44.3167

					Yuksekoa		
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	Tanin - Tanin pass	37.4983	42.9783
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	Suvarihalil Pass (Suvarihalil Gecidi) W side near Habul Deresi	37.5000	43.3333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Adyaman	10 km NE Celikhan, Altı Haral Gülül	38.0350	38.2436
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Van, Mengene Dagi	N from Baskale	38.0599	44.0418
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Bingol	Buglan Gecidi	38.9394	41.1536
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Tunceli	20 km NW from Tunceli	39.1089	39.5461
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Tunceli	28 - 30 km S Pulumur	39.2341	39.8395
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Tunceli	15 - 20 km NW from Tunceli	39.2400	39.4586
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Bayburt	Sogutlu	39.4041	41.7428
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Tunceli	30 km S from Pulumur	39.4889	39.8933
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Palandoken Dagi, Kayak	39.7833	41.2500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Palandoken	39.7833	41.2500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	P. Doken (Palandöken)	39.7833	41.2500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	cavirceu	Ispir / Erz.	39.8675	41.2870
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Palandoken	Erzurum	39.8730	41.2108
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Yeşil vay.	39.9675	41.2649
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Kopdagi Gecidi	40.0167	40.4667
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Trabzon-Kars	Yusufeli Road 5 km from Ispir	40.0208	41.2292
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey		Aşkale, Bayburt	40.0320	40.5167
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey		Aşkale, Bayburt	40.0333	40.4667

<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Pasinler, Rabat	40.1228	41.6692
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Bayburt	Demirozu	40.1522	39.8731
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Sivas	Nr Susehri	40.1583	38.0919
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Illica, Rizekent	40.1667	40.9833
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	11 km E from Karakurt	40.1711	42.6072
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kop Dağı geçidi (Kop mountain pass)	Bayburt	40.2500	40.2500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Tortum	40.2983	41.5483
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	8 km W from Sarikamis	40.3252	42.4881
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	12 km S from Sarikamis	40.3381	42.5731
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	Soganli, W from Sarikamis	40.3667	42.4000
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erz	Agbulut P. Yolu	40.4105	40.7950
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Ispir M. Koprubasi (Maden Köprübaşı)	40.4345	40.8356
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Bayburt Area	Gumushane	40.4601	39.4814
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Cay Irceu, Ispir	40.4819	40.9958
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Pas Ikizdere, Ispir	40.4819	40.9958
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Camlibel	40.4833	41.7667
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Dikyar, Uzundere	40.5300	41.5500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Tumali	Senkaya/Erz.	40.5595	42.3268
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Ovit Mountain Pass (Ovitdağı Geçidi) - S side, 2 km W from Cayirozu	40.5608	40.9083
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Ovit Gecidi, S - side, 1900 m, 2 km W Cayirozu	40.5608	40.9083

<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Ovit Mountain Pass (Ovitdağı Geçidi), 2 km W from Cayirozu	40.5608	40.9083
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	Senkaya, Turnali	40.5785	42.2331
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	5 km E from Sarikamis, Kars Deresi	40.6167	43.6833
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Rize	Ovit Mountain Pass (Ovitdağı Geçidi)	40.6256	40.7556
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	NW from Yusufeli	40.8167	41.5500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin, NW YUSUFELI	Near Antiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin, NW YUSUFELI	1/3 km SW Antiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	Altiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	NW Yusufeli, near SW Altiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	NW Yusufeli, near SW Altiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	NW Yusufeli, 1-3 km SW Altiparmak	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	Altiparmak, Yusufeli	40.8667	41.5333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Artvin	above Artvin	41.1667	41.8333
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Rize	Ovit Pass, near Ispir, S side	40.6252	40.7535
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	SuvarihaJil pass W side nr. Habul Deresi	37.5694	43.1681
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	Tanin-Tanin pass W side	37.4983	42.9783
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	Handere, 20 km W of Sankamiş	40.2772	42.4664
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey		Siir-t 21 km W of Uludere	37.9193	41.9415
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	25 km W. of Sankamiş	40.3381	42.5731
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey		Bahnstat. Soganli W. Sankamiş	40.3667	42.4000
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Hakkari	Sat Dagi, Vargos, SW Yiksekova	37.3270	44.1892

<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	11 km E of Karakurr	40.1711	42.6072
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	8 km W Sankamiş,	40.3252	42.4881
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	Handere 20 km W Sankamiş	40.2772	42.4664
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Kars	12 km S Sankamlı	40.3381	42.5731
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Turkey	Erzurum	PaJandoken Dagi	39.7833	41.2500
<i>Merodon</i>	<i>flavitibius</i>	Paramonov, 1925	Kabardino-Balkaria		Cherek-Bezengi Canyon	43.2015	43.2612
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Pyrgos 3	37.7078	26.8013
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Pyrgos	37.7110	26.8040
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Pyrgos	37.7127	26.7991
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Pithagora cave	37.7227	26.6624
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	2 km before Pitagora cave	37.7309	26.6648
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Kosmadei - Kastanea	37.7503	26.6728
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Kosmadei - Kastanea	37.7600	26.6600
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Samos	Ambelos	37.8011	26.8033
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Chios	Amades	38.5710	26.0288
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Plomari	39.0214	26.3744
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	4.6 km N Plomari	39.0214	26.3744
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos		39.0278	26.6117
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	9.1 km S Mytilene	39.0386	26.5994
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos	39.0500	26.3833
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	3.8 km SSE Agiassos	39.0547	26.3972

<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	3.4 km SE Agiassos	39.0586	26.3944
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos	39.0600	26.3917
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos	39.0625	26.3917
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos	39.0691	26.3358
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos	39.0708	26.3725
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Agiassos - Potamia river	39.2114	26.1711
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Potamia - Anemotia	39.2204	26.1408
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Potamia river	39.2267	26.1133
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Greece	Lesvos	Sikaminia	39.3614	26.2958
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	western side of Akgol near Denizkent	8 km S of Silifke, Goksu Delta	36.2833	33.9333
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Boncuk Daglari	Near Ballik, way to the mts top I	36.8651	29.3488
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Boncuk Daglari	Near Ballik	36.9099	29.3660
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta, Y. Bademli	Melikler Yaylasi 2	37.6940	31.2990
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Babadag	Near Denizli valley I	37.6952	28.9931
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Y. bademli, Melikler Yaylasi	37.6977	31.2943
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta, Y. Bademli	Melikler Yaylasi 1	37.6977	31.2943
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Mountain Samsun	Near Davutlar	37.7025	27.2963
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Yenisarbademli	37.7079	31.3854
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Y. bademli, Vali Çeşmesi - Melikler Yaylasi Arasi	37.7146	31.2939
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Gölcük	37.7353	30.4967

<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta, Davraz Dagi	Davraz Dagi	37.7827	30.7593
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Mountain Davraz		37.7859	30.7576
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Merkez, Kirazlidere Mevkii	37.8283	30.5231
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Keçiborlu, Kozluca - Gülköy Yolu	37.8982	30.1831
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Keçiborlu, Yeniköy Arasi	37.9664	30.2769
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Isparta	Yalvac, Sultan mountain	38.2956	31.1778
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag	Ski Centre 1	38.3326	28.1083
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag Çesme		38.3829	28.0790
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag	Çesme	38.3829	28.0790
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag mountain	after Allahdiyen	38.4024	28.0802
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag		38.4031	28.0802
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Bozdag mountain	Near Çamurhamamı Köyü	38.4527	28.0572
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Spildağ,	Manisa	38.5547	27.4383
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Spildağ	Manisa offener	38.5547	27.4383
<i>Merodon</i>	<i>hamifer</i>	Sack, 1913	Turkey	Manisa	Spil Dağı, Manisa, Gebüschgruppen	38.5592	27.3892

TABLE S2 Data related to the molecularly analyzed samples and the corresponding GenBank accession numbers (in boldface for newly-generated sequences within this study)

Species	DNA labcode ID	Database ID specimen voucher	Locality	Gender	GenBank Accession COI-5'	Notes
<i>Platynochaetus macquarti</i> Loew, 1862	AU739	FSUNS:09204	Malta, near Ghajn Tiffieha	male ♂	MN401263	outgroup
<i>Eumerus grandis</i> Meigen, 1822	EU13	FSUNS:G1919	Serbia, Djerdap, Ciganski potok	female ♀	MN401271	outgroup
<i>Merodon alagozicus</i> Paramonov, 1925	Y1272	MZH: id.luomus.fi/GJ.3272	Greece, Samos island, near Leka	female ♀	MN401264	avidus-nigritarsis lineage
<i>Merodon albifrons</i> Meigen, 1822	Y706	MZH: id.luomus.fi/GJ.2805	Greece, Lesvos, 4 km SSE Agiassos	female ♀	FM206510	albifrons lineage
<i>Merodon aureus</i> Fabricius, 1805	Y665	FSUNS:Y665	Iran, Esfahan Semirom, Dolat Gharin	male ♂	N295640	aureus lineage
<i>Merodon aurifer</i> Loew, 1862	Y1183	MZH: id.luomus.fi/GJ.3155	Greece, Volos, Platania	female ♀	MN401265	avidus-nigritarsis lineage
<i>Merodon avidus</i> (Rossi, 1790)	S90	FSUNS:S90	Serbia, Djerdap, Ciganski potok	female ♀	MK655475	avidus-nigritarsis lineage
<i>Merodon cabanerensis</i> Marcos-Garcia, Vujić et Mengual, 2007	Y175	MZH: id.luomus.fi/GJ.2266	Spain, Ciudad Real, Cabaneros NP	male ♂	MH521953	desuturinus lineage

<i>Merodon cinereus</i> (Fabricius, 1794)	Y393	MZH: id.luomus.fi/GJ.2466	Italy, Trentino Alto Adige, Monte Cocca & Tomeabru	male ♂	MN29 5643	aureus lineage
<i>Merodon clavipes</i> (Fabricius, 1781)	Y748	MZH: id.luomus.fi/GJ.2831	Italy, Sardinia, near Fonni	male ♂	MN29 5644	avidus- nigritarsis lineage
<i>Merodon clunipes</i> Sack, 1913	Y1247	MZH: id.luomus.fi/GJ.3247	Greece, Samos, Kosmadei	male ♂	MH52 1920	avidus- nigritarsis lineage
<i>Merodon constans</i> (Rossi, 1794)	Y392	MZH: id.luomus.fi/GJ.2465	Italy, Trentino Alto Adige, Val di Ledro, Pre di Ledro, along river Ponale	male ♂	MN29 5645	albifrons lineage
<i>Merodon crassifemoris</i> Paramonov, 1925	Y2082	MZH: id.luomus.fi/GJ.3548	Turkey, Isparta, Kecborlu, Kozluca Köyu	fema le ♀	MN40 1266	avidus- nigritarsis lineage
<i>Merodon desuturinus</i> Vujić, Šimić & Radenković, 1995	Y2078	MZH: id.luomus.fi/GJ.3545	Serbia, Kopaonik, Jasle-Cukara	fema le ♀	LT882 606	desuturinus lineage
<i>Merodon equestris</i> (Fabricius, 1794)	Y690	MZH: id.luomus.fi/GJ.2774	Finland, Askola	male ♂	EU431 486	albifrons lineage
<i>Merodon erivanicus</i> Paramonov, 1925	Y1278	MZH: id.luomus.fi/GJ.3278	Greece, Andros island, Pithara	male ♂	MN29 5647	avidus- nigritarsis lineage
<i>Merodon fulcratus</i> Becker, 1913	Y717	FSUNS:05790	Iran, Juladak, Moalem Kelayeh, Almot	male ♂	MN29 5648	avidus- nigritarsis lineage

			Ghazvit province, mountain Rahgeland, 2.300-2.500m			
<i>Merodon italicus</i> Rondani, 1845	Y851	MZH: id.luomus.fi/GJ.2943	Greece, Lesvos, Agiassos		MK65 5470	avidus-nigritarsis lineage
<i>Merodon natans</i> (Fabricius, 1794)	AU613	FSUNS:I1	Greece, Olimp mountain, Litochoras-Prionia 3	female ♀	MH51 1653	natans lineage
<i>Merodon nigritarsis</i> Rondani, 1845	Y870	MZH: id.luomus.fi/GJ.2962	Greece, Lesvos, Agiassos	male ♂	MK65 5476	avidus-nigritarsis lineage
<i>Merodon ottomanus</i> Hurkmans, 1993	Y2083	MZH: id.luomus.fi/GJ.3549	Spain, Sierra Nevada, 1626m	male ♂	MK65 5471	avidus-nigritarsis lineage
<i>Merodon pruni</i> (Rossi, 1790)	Y1242	MZH: id.luomus.fi/GJ.3242	Greece, Samos, near Pythagorio	male ♂	LN890 881	avidus-nigritarsis lineage
<i>Merodon pulveris</i> Vujić & Radenković, 2011	Y1366	MZH: id.luomus.fi/GJ.3346	Greece, Samos island, near Seitani beach	male ♂	MH49 6007	natans lineage
<i>Merodon ruficornis</i> Meigen, 1822	Y2077	MZH: id.luomus.fi/GJ.3537	Montenegro, Durmitor, Susica lake	male ♂	MH49 6011	albifrons lineage
<i>Merodon rufus</i> Meigen, 1838	RU23	FSUNS:I85	Greece, Drama, Kato Nevrokopi	male ♂	MN29 5622	albifrons lineage
<i>Merodon testaceus</i> Sack, 1913	Y700	MZH: id.luomus.fi/GJ.2799	Greece, Lesvos, 4 km SSE Agiassos	male ♂	FM20 6499	avidus-nigritarsis lineage

<i>Merodon velox</i> Loew, 1869	Y704	MZH: id.luomus.fi/GJ.2803	Greece, Lesvos, 4 km SSE Agios	female ♀	FM20 6506	avidus- nigritarsis lineage
<i>Merodon chalybeus</i> Wiedemann in Meigen, 1822	AU760	FSUNS:08917	Spain, El Portil	male ♂	MN62 3532	aureus lineage
<i>Merodon opacus</i> Vujić, Likov & Radenković 2020	Y701	MZH: id.luomus.fi/GJ.1144	Greece, Lesvos	male ♂	FM20 6502	avidus- nigritarsis lineage
<i>Merodon serrulatus</i> Wiedemann in Meigen, 1825	MS6	FSUNS:I14	Greece, Mountain Olympus, Lit ochoras– Prionia 4	male ♂	MN62 3567	avidus- nigritarsis lineage
<i>Merodon aberrans</i> Egger, 1860	BN117	FSUNS:12339	Serbia, Golija, Odvračenica 2	female ♀	ON97 0069	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN118	FSUNS:12343	Serbia, Ivanjica, Klekovica	male ♂	ON97 0070	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN120	FSUNS:L73	Serbia, Vršačke planine, Mesić	male ♂	ON97 0071	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN121	FSUNS:G1648	Serbia, Djerdap, Ciganski potok	male ♂	ON97 0072	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN124	FSUNS:K94	Serbia, Djerdap, Ciganski potok	male ♂	ON97 0073	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN125	FSUNS:AB63	Italy, Castiglione dei Pepoli	male ♂	ON97 0074	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN126	FSUNS:06100	Greece, Olimp	female ♀	ON97 0075	aberrans species group

<i>Merodon aberrans</i> Egger, 1860	BN131	FSUNS:12151	Turkey, Bozdag, ski centre 1	male ♂	ON97 0076	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN133	FSUNS:12035	Turkey, Bozdag, ski centre 1	male ♂	ON97 0077	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	BN134	FSUNS:12037	Turkey, Bozdag, ski centre 1	fema le ♀	ON97 0078	aberrans species group
<i>Merodon aberrans</i> Egger, 1860	Y949	MZH: id.luomus.fi/GJ.3025	Serbia, Fruska Gora NP, Andrevlje	male ♂	MN29 5638	aberrans species group
<i>Merodon flavitibius</i> Paramonov, 1925	AU1139	FSUNS:10265	Iran, Aynali forest	male ♂	ON97 0079	aberrans species group
<i>Merodon flavitibius</i> Paramonov, 1925	AU1140	FSUNS:10269	Iran, Chichekli forest	male ♂	ON97 0080	aberrans species group
<i>Merodon flavitibius</i> Paramonov, 1925	AU1141	FSUNS:10291	Iran, Qaradagh forest	fema le ♀	ON97 0081	aberrans species group
<i>Merodon flavitibius</i> Paramonov, 1925	ZFMK-TIS- 8006687	ZFMK-TIS- 8006687_ZFMK-DIP- 00063289	Georgia, Saguramo	male ♂	ON97 0082	aberrans species group
<i>Merodon flavitibius</i> Paramonov, 1925	ZFMK-TIS- 8006689	ZFMK-TIS- 8006689_ZFMK-DIP- 00063292	Georgia, Tbilisi NP	fema le ♀	ON97 0083	aberrans species group
<i>Merodon hamifer</i> Sack, 1913	TS22	FSUNS:08448	Turkey, Isparta, Mountain Davraz	male ♂	ON97 0084	aberrans species group
<i>Merodon hamifer</i> Sack, 1913	TS23	FSUNS:08449	Turkey, Isparta, Mountain Davraz	male ♂	ON97 0085	aberrans species group
<i>Merodon hamifer</i> Sack, 1913	AU946	FSUNS:09958	Turkey, Isparta, Melikler	fema le ♀	ON97 0086	aberrans species group

			Yaylasi			
<i>Merodon hamifer</i> Sack, 1913	AU947	FSUNS:09961	Turkey, Isparta, Keciborlu	female ♀	ON97 0087	aberrans species group
<i>Merodon hamifer</i> Sack, 1913	Y1254	MZH: id.luomus.fi/GJ.3254	Greece, Samos, near Manolates	male ♂	MN40 1272	aberrans species group



FIGURE S1 Photo of *Merodon brevis*, holotype.



FIGURE S2 Photo of *Merodon flavitibius*, lectotype.



FIGURE S3 Photo of *Merodon flavitibius*, paralectotype.

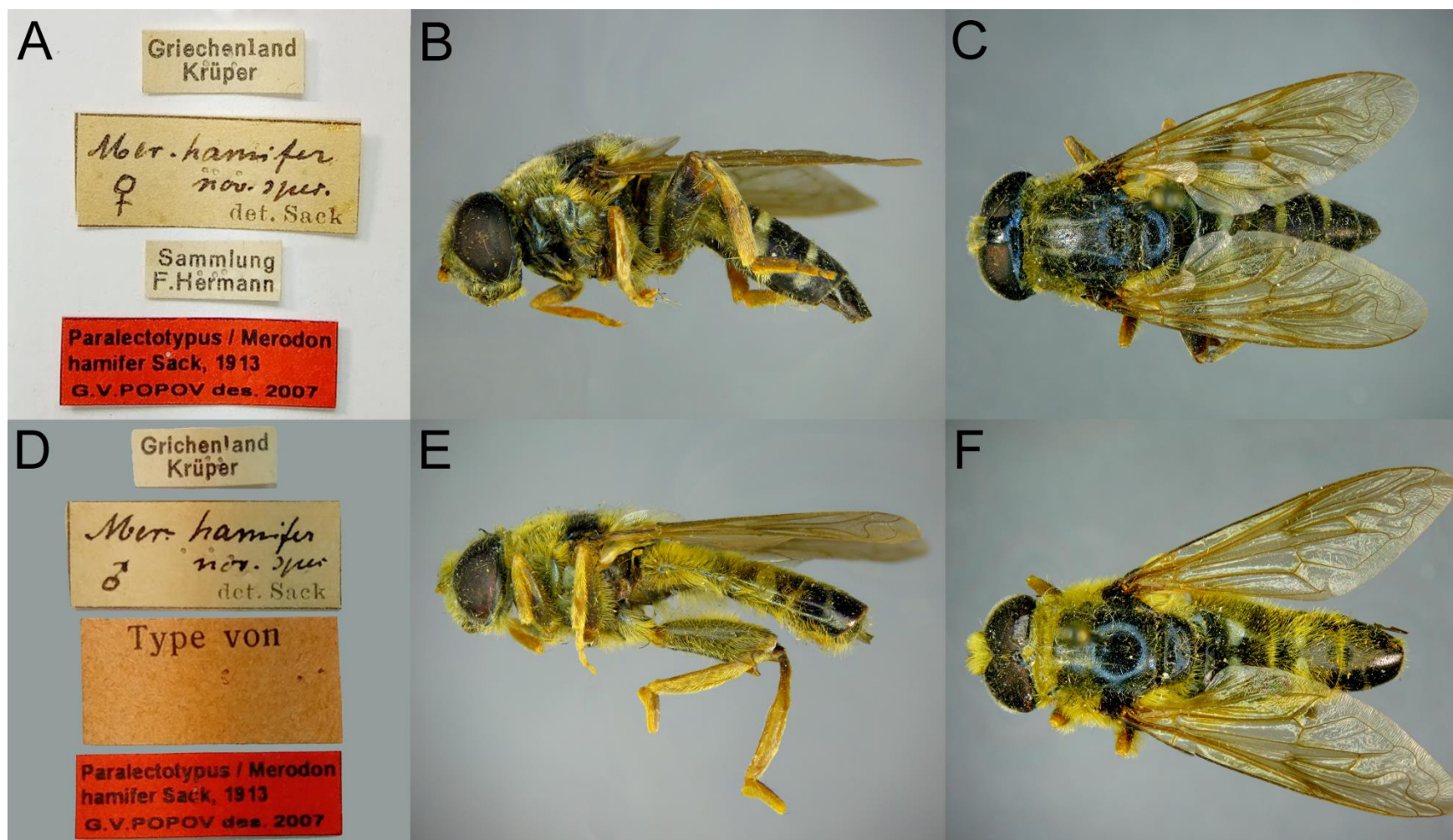


FIGURE S4 Photo of *Merodon hamifer*, paralectotype. A-C female, D-F male.



FIGURE S5 Photo of *Merodon warncke*, type material.