



## Supplementary Material

# The Diving Beetle Fauna of Diyarbakır and Bingöl Provinces, Turkey (Coleoptera: Dytiscidae) with a New Record

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**Supplementary Table I.- Location of the sampling sites of Bingöl and Diyarbakır provinces where water beetles were found.**

Abbreviation	Sampling site	Coordinates	Altitude (m)
B1	Bingöl, Genç district, Yayla village	38°16'51"N 40°53'22"E	1216
B2	Bingöl, Genç district, Şenköy village	38°54'36"N 40°49'59"E	1243
B3	Bingöl, Genç district, Şehit village	38°57'56"N 40°50'15"E	1306
B4	Bingöl, Genç district, Yeniyazı village	38°43'46"N 40°55'14"E	1672
B5	Bingöl, Genç district, Yeniyazı hamlet	38°56'49"N 40°58'39"E	1578
B6	Bingöl, Genç district, Kilimli hamlet	38°45'08"N 40°56'21"E	1606
B7	Bingöl, Genç district, Tabantepe	38°58'25"N 40°50'54"E	1328
B8	Bingöl, Genç district, Karcı village	38°56'27"N 40°45'39"E	1314
B9	Bingöl, Genç district, Yayla town	38°57'25"N 40°49'53"E	1327
B10	Bingöl, Genç district, Doğanca village	38°59'53"N 40°55'35"E	1267
B11	Bingöl, Genç district	38°47'16"N 40°54'02"E	1065
B12	Bingöl, Genç district, Kavaklı village	38°45'07"N 40°33'12"E	1370
B13	Bingöl, Genç district, Çayçatı town	38°57'56"N 40°55'49"E	1122
B14	Bingöl, Genç district, Çotla plateau	38°52'28"N 40°56'38"E	2225
B15	Bingöl, Genç district, Çotla plateau	38°17'48"N 40°36'44"E	2266
B16	Bingöl, Gümülü village	38°43'18"N 40°48'57"E	1087
B17	Bingöl, Yamaç town	38°27'32"N 40°44'31"E	1375
B18	Bingöl, Çayağzı village	38°49'34"N 40°54'18"E	1012
B19	Bingöl, Alibilir village	38°45'55"N 40°44'28"E	1283
B20	Bingöl, Kartal plateau	39°01'32"N 40°40'53"E	1758
B21	Bingöl, Balıklıçay village	39°04'09"N 40°39'37"E	1550
B22	Bingöl, Kuşkondu village	39°07'31"N 40°32'54"E	1559
B23	Bingöl, Arıcılar village	39°04'23"N 40°29'53"E	1551
B24	Bingöl, Yazgülü village	38°56'51"N 40°29'20"E	1506
B25	Bingöl, Yayladere district, Batayaz village	39°20'10"N 40°11'35"E	1425
B26	Bingöl, Kığı district	39°30'38"N 40°33'34"E	1527
B27	Bingöl, Kığı district, Güneyağıl village	39°29'56"N 40°33'48"E	1522
B28	Bingöl, Kığı district, Eskikavak village	39°24'32"N 40°37'48"E	1403
B29	Bingöl, Adaklı district, Bağpınar village	39°24'20"N 40°38'56"E	1468
B30	Bingöl, Adaklı district, Akbinek village	39°24'45"N 40°43'10"E	1496
B31	Bingöl, Adaklı district, Gözütök village	39°18'18"N 40°52'23"E	1383
B32	Bingöl, Adaklı district, Erbaşlar village	39°19'13"N 40°57'57"E	1463

Abbreviation	Sampling site	Coordinates	Altitude (m)
B33	Bingöl, Adaklı district, Sütluce village	39°11'20"N 40°66'15"E	1725
B34	Bingöl, Çır plateau	39°08'33"N 40°66'07"E	2025
B35	Bingöl, Çır waterfall	39°04'58"N 40°66'42"E	1936
B36	Bingöl, İçpınar village	38°57'54"N 40°60'32"E	1319
B37	Bingöl, Göltepe village	38°52'46"N 40°59'12"E	1442
B38	Bingöl, Yukarı Elmalı plateau- Station1	39°03'11"N 40°58'52"E	1856
B39	Bingöl, Yukarı Elmalı plateau- Station2	39°02'28"N 40°53'26"E	1912
B40	Bingöl, Karlıova district, Sudurağı village	39°11'47"N 40°56'55"E	1594
B41	Bingöl, Karlıova district, Ağaköy village	39°16'30"N 40°57'39"E	1598
B42	Bingöl, Karlıova district, Yiğitler village	39°17'25"N 40°53'07"E	1753
B43	Bingöl, Karlıova district, Çiftlik village	39°40'26"N 41°04'33"E	1855
B44	Bingöl, Karlıova district, Çatak village	39°38'42"N 41°03'12"E	1837
B45	Bingöl, Karlıova district, Kızılcubuk village	39°39'13"N 40°53'29"E	1766
B46	Bingöl, Yedisu district, Elmalı village	39°39'31"N 40°59'50"E	1506
B47	Bingöl, Yedisu district	39°44'07"N 40°53'55"E	1479
B48	Bingöl, Karlıova district, Kargapazarı plateau	39°28'57"N 41°12'13"E	1946
B49	Bingöl, Karlıova district, Hasan ova village	39°18'47"N 40°03'21"E	1877
B50	Bingöl, Karlıova district, Muş, Varto way 12. km.	39°28'56"N 41°12'28"E	1950
B51	Bingöl, Karlıova district, Zozan plateau - Station1	39°34'42"N 41°13'23"E	2245
B52	Bingöl, Karlıova district, Ömer dayı plateau	39°36'07"N 41°20'52"E	2456
B53	Bingöl, Karlıova district, Koğ hill	39°32'45"N 41°32'26"E	2710
B54	Bingöl, Karlıova district, Zozan plateau – Station2	39°36'46"N 41°21'53"E	2439
B55	Bingöl, Karlıova district, Viranşehir village	39°40'06"N 40°45'25"E	2026
B56	Bingöl, Solhan district, Aşağı yayıklı hamlet	39°03'24"N 40°32'54"E	1929
B57	Bingöl, Solhan district, Yukarı yayıklı hamlet	39°04'50"N 40°53'20"E	1970
B58	Bingöl, Solhan district, Hazarşah village	39°01'27"N 40°41'50"E	1740
B59	Bingöl- Solhan district, Floating islands national park	38°17'16"N 40°34'44"E	1331
B60	Bingöl, Solhan district, Murat village	38°34'06"N 40°55'48"E	1187
D1	Diyarbakır Kocaköy district	38°29'57"N 40°53'21"E	1112
D2	Diyarbakır Siverek way 15. km.	37°55'19"N 39°02'54"E	926
D3	Diyarbakır, Kocaköy, Gökçe village	38°33'37"N 40°52'56"E	1175
D4	Diyarbakır, Çardaklı village	38°33'47"N 40°37'35"E	987
D5	Diyarbakır, Eğil district	38°24'37"N 40°08'53"E	1205
D6	Diyarbakır, Sur district, Sarıkamış village	38°05'46"N 40°33'59"E	852
D7	Diyarbakır, Hantepe village	38°10'23"N 40°17'29"E	923
D8	Diyarbakır, Bismil district, Oğuzlar village	38°06'25"N 40°59'17"E	1005
D9	Diyarbakır, Hantepe village	38°12'51"N 40°12'39"E	943
D10	Diyarbakır, Büyükkadı village	38°11'44"N 40°30'25"E	867
D11	Diyarbakır, Kayapınar district, Yukarınasırlar village	37°04'36"N 39°26'48"E	849
D12	Diyarbakır, Kayapınar district, Harmanardı village	37°36'47"N 39°55'01"E	825
D13	Diyarbakır, Kayapınar district, Çelkaniye village	37°52'49"N 39°05'53"E	779
D14	Diyarbakır, Ergani district, Bereketli village	38°24'13"N 39°33'09"E	769
D15	Diyarbakır, Ergani district, Değirmendere Plateau	38°36'05"N 39°51'14"E	761

Abbreviation	Sampling site	Coordinates	Altitude (m)
D16	Diyarbakır, Kayapınar district, Kaldırım village	37°54'19"N 39°17'29"E	839
D17	Diyarbakır, Kayapınar district, Karayakup village	37°32'39"N 39°04'56"E	853
D18	Diyarbakır, Sur district, Kıtılbıl village	37°23'51"N 40°29'36"E	876
D19	Diyarbakır, Sur district, Kozan village	37°47'40"N 40°30'07"E	912
D20	Diyarbakır, Tokaçlı village	37°54'27"N 39°55'59"E	846
D21	Diyarbakır, Kayapınar district, Kaldırım village - Station2	37°54'07"N 39°52'21"E	914
D22	Diyarbakır, Aşağıkarabahçe village	37°48'49"N 39°44'19"E	1143
D23	Diyarbakır, Karacadağ mountain - Station1	37°46'16"N 39°48'14"E	1561
D24	Diyarbakır, Karacadağ mountain -Station2	37°46'21"N 39°49'06"E	1616
D25	Diyarbakır, Karacadağ mountain- Station3	37°42'55"N 39°50'56"E	1783
D26	Diyarbakır, Karacadağ mountain - Station4	37°45'48"N 39°52'49"E	1563
D27	Diyarbakır Centrum	37°53'51"N 39°51'55"E	927
D28	Diyarbakır Yalankoz village	37°49'50"N 40°00'36"E	844
D29	Diyarbakır, Ergani district	38°05'18"N 40°01'34"E	754
D30	Diyarbakır, Ali dayı village	38°11'52"N 39°34'43"E	810
D31	Diyarbakır, Çüngüş district, yeniköy village	38°11'08"N 39°24'55"E	881
D32	Diyarbakır, Çermik district	38°06'59"N 39°26'65"E	900
D33	Diyarbakır, Hanis district, Soylu village	38°17'57"N 40°21'18"E	845
D34	Diyarbakır, Hani district, Süleyman village	39°19'54"N 40°21'32"E	827
D35	Diyarbakır, Hanis district -Station1	38°21'47"N 40°23'15"E	811
D36	Diyarbakır, Hanis district - Station2	38°24'28"N 40°23'58"E	884
D37	Diyarbakır, Dicle district, Kocaalan village	38°21'28"N 40°05'59"E	842
D38	Diyarbakır, Dicle district, Meydan village	38°18'19"N 40°14'53"E	727
D39	Diyarbakır, Eğil district, Konaklı village	38°11'36"N 40°06'47"E	845
D40	Diyarbakır, Hani district, Arı village	38°24'38"N 40°21'29"E	892
D41	Diyarbakır, Lice district, Seren village	38°24'15"N 40°28'21"E	873
D42	Diyarbakır, Lice district, Gürbeyli village	38°27'53"N 40°43'34"E	905
D43	Diyarbakır, Kulp district - Station1	38°28'14"N 40°51'29"E	834
D44	Diyarbakır, Çınar district	37°43'38"N 40°24'58"E	667
D45	Diyarbakır, Çınar district, Karaköprü village	37°49'29"N 40°18'51"E	571
D46	Diyarbakır, Çınar district, Göksu village	37°41'47"N 40°26'51"E	670
D47	Diyarbakır, Aşağıkonak village, Zerzevan Castel	37°36'03"N 40°29'51"E	776
D48	Diyarbakır, Kocaköy district, Arıklı village	38°22'28"N 40°33'58"E	848
D49	Diyarbakır, Lice district, Yukarı Çalibükü village	38°27'35"N 40°33'41"E	989
D50	Diyarbakır, Kulp district, Özbek village	38°28'27"N 40°54'32"E	839
D51	Diyarbakır, Kulp district, Konuklu village	38°26'29"N 41°02'56"E	776
D52	Diyarbakır, Kulp district, Savaş village	38°24'44"N 41°02'13"E	750
D53	Diyarbakır, Kulp district - Station2	38°36'39"N 41°09'43"E	1095
D54	Diyarbakır, Kulp district - Station3	38°35'39"N 41°07'56"E	1042
D55	Diyarbakır, Kulp district -Station4	38°33'38"N 41°04'53"E	1005
D56	Diyarbakır, Kulp district, Derindere village	38°21'47"N 41°11'31"E	848
D57	Diyarbakır, Kulp district, Yücebağ village	38°22'05"N 41°28'46"E	735
D58	Diyarbakır, Kulp-Batman Sason way, 23.km	38°13'40"N 41°16'28"E	926

**Supplementary Table II.- List of Dytiscidae collected from study area. Species recorded from Bingöl for the first time are indicated by single asterisk (\*). Species recorded from Diyarbakır for the first time are indicated by double asterisks (\*\*). Species recorded from Eastern Region of Turkey for the first time are indicated by a single dagger (†). Species recorded from south eastern Region of Turkey for the first time are indicated by double dagger (††).**

No	Taxon	Bingöl	Diyarbakır	Remarks
1	<i>Agabus biguttatus</i> (Olivier, 1795)	+	+	*, **, ††
2	<i>Agabus bipustulatus</i> (Linnaeus, 1767)	+	+	*, **, ††
3	<i>Agabus caraboides</i> (Sharp, 1882)	+	+	*, **, ††
4	<i>Agabus conspersus</i> (Marsham, 1802)	+	+	*, **, ††
5	<i>Agabus didymus</i> (Olivier, 1795)	+	+	*, **, †, ††
6	<i>Agabus dilatatus</i> (Brullé, 1832)	+		*
7	<i>Agabus nebulosus</i> (Forster, 1771)	+	+	*, **, ††
8	<i>Bidessus calabricus</i> Guignot, 1957	+	+	*, **, ††
9	<i>Bidessus unistriatus</i> (Goeze, 1777)	+	+	*, **, ††
10	<i>Colymbetes fuscus</i> (Linnaeus, 1758)	+	+	*, **, ††
11	<i>Dytiscus marginalis</i> Linnaeus, 1758	+	+	*, **, ††
12	<i>Eretes sticticus</i> (Linnaeus, 1767)	+		*, †
13	<i>Graptodytes veterator</i> (Zaitzev, 1927)	+		*, †
14	<i>Hydroglyphus geminus</i> (Fabricius, 1792)	+	+	*, **
15	<i>Hydroporus discretus</i> (Fairmaire and Brisout, 1859)	+	+	*, **, †, ††
16	<b><i>Hydroporus inscitus</i> (Sharp, 1882)</b>	+		New to Turkey
17	<i>Hydroporus kozlovskii</i> (Zaitzev, 1927)		+	**, ††
18	<i>Hydroporus marginatus</i> (Duftschmid, 1805)		+	**, ††
19	<i>Hydroporus planus</i> (Fabricius, 1782)	+	+	*, **, ††
20	<i>Hydroporus pubescens</i> (Gyllenhal, 1808)	+	+	*, **, ††
21	<i>Hydroporus tessellatus</i> (Drapiez, 1819)	+	+	*, **, ††
22	<i>Hydroporus transgrediens</i> (Gschwendtner, 1923)	+	+	*, **, ††
23	<i>Hydrovatus cuspidatus</i> (Kunze, 1818)	+		*
24	<i>Hygrotus armeniacus</i> (Zaitzev, 1927)		+	**, ††
25	<i>Hygrotus confluens</i> (Fabricius, 1787)	+	+	*, **, ††
26	<i>Hygrotus impressopunctatus</i> (Schaller, 1783)	+	+	*, **, ††
27	<i>Hygrotus inaequalis</i> (Fabricius, 1777)	+	+	*, **, ††
28	<i>Hygrotus marklini</i> (Gyllenhal, 1813)	+	+	*, **, ††
29	<i>Ilybius chalconatus</i> (Panzer, 1796)	+	+	*
30	<i>Ilybius fuliginosus</i> (Fabricius, 1792)	+	+	*, **, ††
31	<i>Laccophilus hyalinus</i> (De Geer, 1774)	+	+	*, **
32	<i>Laccophilus minutus</i> (Linnaeus, 1758)	+	+	*, **, ††
33	<i>Laccophilus poecilus</i> (Klug, 1834)	+	+	*, **, ††
34	<i>Nebriporus airumulus</i> (Kolenati, 1845)	+	+	*, **, ††
35	<i>Nebriporus stearinus</i> (Kolenati, 1845)	+	+	*, **, ††
36	<i>Oreodytes davisii davisii</i> (Curtis, 1831)	+		*
37	<i>Platambus lunulatus</i> (Fischer von Waldheim, 1829)	+	+	*, **, ††
38	<i>Platambus maculatus</i> (Linnaeus, 1758)	+	+	*, **, ††
39	<i>Rhantus suturalis</i> (W.S. MacLeay, 1825)		+	**, ††
40	<i>Scarodytes halensis</i> (Fabricius, 1787)	+	+	**, ††