Material Examined…..

For all species….

Select species [rainerius]

Sort by country [United Arab Emirates]

Sort by Collecting event,, Locality, Date, Collector, Collecting Methods

Sort by sex [male, female]

…….sum and summarize the data as text with numbers of specimens summed (see below)..

1. Previously Described Species…….

*Perilampus rainerius.*

**United Arab Emirates (12 females, 4 males)**:

Al Houbara Protected Area, 24.01, 54.04, 10-31 Jan 2016, A Saji; A van Harten, Malaise trap (1 female: ROME159083, ROME), 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774, ROME; ROME176775, ROME; ROME176776, ROME), 1-30 Apr 2016, A Saji; A van Harten, Malaise trap (1 female: ROME159088, ROME), 1-30 June 2016, A Saji; A van Harten, Malaise trap (5 females: ROME159094, ROME; ROME159096, ROME; ROME159097, EAD; ROME159098, ROME; ROME159099, ROM; 1 male: ROME159095, ROME), 1-31 Mar 2016, A Saji; A van Harten, Malaise trap (…............), 1-31 May 2016, A Saji; A van Harten, Malaise trap(…...........).

End of first locality.... Add 4 more localities……..

al-Ajban, 24°36'N, 55°01'E, …..............

**Yemen (2 females): …………………………..** 2 localities….. ROME, EAD……

1. New species, with a Holotype and possible Paratypes…..

*Perilampus khor.*

Holotype: Female: **United Arab Emirates,** Sharjah, Khor Kalba, near tunnel, 24°59'N, 56°14'E, 28.III-5.IV.2006, light trap, A. van Harten, ROME174258 (deposited in ROME).

Paratypes: **United Arab Emirates** (10 females, 6 males): <same format as above for Previously Described Species>

Additional Material Examined: **United Arab Emirates** (1 female); Wadi Bih dam, 25.8, 56.0666667, 15-22 Mar 2007, A van Harten, Light trap.

Rainerius test

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

Full loop test

[1] "rainerius"

Yemen: 2 females

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

United Arab Emirates: 28 females, 6 males

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "houbaraensis"

United Arab Emirates: 1 female, 2 males

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

Yemen: 1 male

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "yemenensis"

Yemen: 2 females, 1 male

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "ardens"

Yemen: 2 females

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "almokha"

Yemen: 1 female

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "microgastris"

United Arab Emirates: 11 females, 6 males

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "khor"

United Arab Emirates: 12 females, 6 males

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)

[1] "awbalus"

United Arab Emirates: 2 females

Al Houbara Protected Area, 24.01, 54.04: 1-28 Feb 2017, A Saji; A van Harten, Malaise trap, (3 males: ROME176774-ROME; ROME176775-ROME; ROME176776-ROME); 1-30 Apr 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159088-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (5 females: ROME159094-ROME; ROME159096-ROME; ROME159097-ROME; ROME159098-ROME; ROME159099-ROME); 1-30 Jun 2016, A Saji; A van Harten, Malaise trap, (1 male: ROME159095-ROME); 1-31 Mar 2016, A Saji; A van Harten, Malaise trap, (2 females: ROME159084-ROME; ROME159085-ROME); 1-31 May 2016, A Saji; A van Harten, Malaise trap, (3 females: ROME159090-ROME; ROME159091-ROME; ROME159092-ROME); 10-31 Jan 2016, A Saji; A van Harten, Malaise trap, (1 female: ROME159083-ROME)

Al Wathba Wetland Reserve, 24.25, 54.61: 1-28 Feb 2015, A Saji; A van Harten, Malaise trap, (1 male: ROME159082-ROME); 20 Apr 2017, A Saji; A van Harten, Malaise trap, (1 female: ROME176777-ROME)

al-Ajban, 24.6, 55.0166667: 10 Oct 2005, A van Harten, Malaise trap, (1 female: ROME159201-CNC); 27 May - 26 Jun 2006, A van Harten, Malaise trap, (6 females: ROME174235-ROME; ROME174236-ROME; ROME174237-ROME; ROME174238-ROME; ROME174239-ROME; ROME174242-ROME); 30 Jan - 26 Feb 2006, A van Harten, Malaise trap, (2 females: ROME174243-EAD; ROME174244-ROME); 7-28 Dec 2005, A van Harten, Light trap, (1 female: ROME174240-ROME); 9 Nov - 7 Dec 2005, A van Harten, Malaise trap, (3 females: ROME159202-CNC; ROME159204-EAD; ROME159203-ROME)

Dubai, Twar 3, 25.2497, 55.3955: Apr 2019, Aisha Thani, NA, (1 male: ROME177269-ROME); Dec 2018-Feb 2019, Aisha Thani, NA, (1 female: ROME177270-ROME)

Wadi Hayl, 25.0833333, 56.2166667: 28 Mar 2007, A Stark; F Menzel, Sweeping, (1 female: ROME174223-ROME)

12 km NW of Manakhah, 15.083333, 43.7: 3 Jul - 21 Aug 2001, A van Harten, Malaise trap, (1 female: ROME159197-ROME)

Al Kadan, 15.26667, 43.2: 17 Feb - 31 Mar 1998, A van Harten; HM Naser, Malaise trap, (1 female: ROME159200-EAD)