

DETAILED DAILY SCHEDULE. UCAM – UNAH VISIT. 10TH March – 4th April 2023

All coded sites can be found on the UNAH project interactive map as follows:

<https://unah.ep.phy.cam.ac.uk/docs>

UCAM staffing -

EB – Eustace Barnes

JF – John Forrest

HL – Hugo Lepage

JP – Julia Porturas

ML – Miguel Lezama (*driver of our second vehicle, a field biologist and Quechua speaker*).

We will have two vehicles for Day 3 to Day 14. From Day 15 to Day 26 we may only have a single vehicle depending upon the requirements of UNAH staff.

Vehicle 1 – JF, driver plus UNAH staff for days 3-14. Field data and sample collection. This vehicle might also be used for the second section of the field visit.

Vehicle 2 – EB, ML (driver) plus UNAH staff for Days 3-14. Field data and sample collection. And, subsequently, for Days 15-26 plus interested UNAH staff (Biodiversity survey).

NB: Vehicles 1 and 2 will be working in close proximity for days 3-14. Thereafter, where there are two vehicles they will be together.

DAY 1 (10/03/23) Transfer Ayacucho (EB, JF, JP, ML). Night Ayacucho.

DAY 2 (11/03/23) Day in Ayacucho (EB, JF, JP, ML). Night Ayacucho.

Purchase of field equipment and other necessary items.

DAY 3 (12/03/23) Transfer Huanta (EB, JF, HL, ML). Night Huanta.

Meetings with authorities. Agreeing who will accompany us.

HL arrives & JP returns to Lima.

DAY 4 (13/03/23) In Huanta (EB, JF, HL, ML). Night Huanta.

Preparation for field and laboratory work in Huanta.

DAY 5 (14/03/23) Fieldwork Huanta area – lower valley (EB, JF, HL, ML). Night Huanta.

Early AM sampling RC01 (rio Cachi). Water samples and water quality data. Soil samples and data will be collected from sample points RC01.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 6 (15/03/23) Fieldwork Huanta area – lower valley (EB, JF, HL, ML). Night Huanta.

Early AM sampling Q1.1. (rio Opanccay). Water samples and water quality data. Soil samples and data will be collected from sample points Q1.1.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 7 (16/03/23) Fieldwork Huanta area – mid valley (EB, JF, HL, ML). Night Huanta.

Early AM sampling Q1.2. (rio Opanccay). Water samples and water quality data. Soil samples and data be collected from sample points Q1.2.Sa, Sb, Sc, and Sd.

PM data processing and collation.

DAY 8 (17/03/23) Fieldwork Huanta area – mid valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q2.1 (rio Huanta). Collection of water samples and water quality data. Soil samples and data will be collected from sample points Q2.1.Sa, Sb, Sc and Sd).

PM data processing and collation.

DAY 9 (18/03/23) Fieldwork Huanta area – mid valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q2.2 (rio Huanta). Collection of water samples and water quality data. Soil samples and data will be collected from soil sample points Q2.2.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 10 (19/03/23) Fieldwork Huanta area – mid valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q2.3 & Q2.4 (rio Huanta). Collection of water samples and water quality data. Soil samples and data will be collected from soil sample points Q2.3 & Q2.4.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 11 (20/03/23) Fieldwork Huanta area – upper valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q3.1. (rio Huamanguilla-Iguian) & RC02. (rio Cachi). Collection of water samples and water quality data. Soil samples and data collected from sample points Q3.1.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 12 (21/03/23) Fieldwork Huanta area – upper valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q1.3. (rio Opanccay). Collection of water samples and water quality data. Soil samples and data will be collected from sample points Q1.3.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 13 (22/03/23) Fieldwork Huanta area – upper valley (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q3.2. (rio Huamanguilla-Iguianrio). Collection of water samples and water quality data. Soil samples and data collected from sample points Q3.2.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 14 (23/03/23) Fieldwork Huanta area. (EB, JF, HL, ML). Night Huanta.

Early am sampling at Q3.3. (rio Huamanguilla-Iguian). Collection of water samples and water quality data. Soil samples and data collected from sample points Q3.3.Sa, Sb, Sc and Sd.

PM data processing and collation.

DAY 15 (24/03/23) Fieldwork Huanta area. (EB, JF, HL, ML). Night Huanta.

Early am sampling at MH01. (Huaper manantial). Collection of water samples and water quality data.

PM data processing and collation.

DAY 16 (25/03/23) In Huanta. (EB, JF, ML). Night Huanta.

Data processing and collation, meetings, etc.

HLE return to Lima.

DAY 17 (26/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Chiquintirca.

Early am and late pm. Avifaunal survey, pm data processing and collation.

In Huanta. (JF). Night Huanta.

Data processing and collation, equipment calibration, meetings, etc.

DAY 18 (27/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Chiquintirca.

Early am and late pm. Avifaunal survey, pm data processing and collation.

In Huanta. (JF). Night Huanta.

Data processing and collation, equipment stock check, meetings, etc.

DAY 19 (28/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Chiquintirca area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

JFO return to Lima. SGS water samples drop off.

DAY 20 (29/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Chiquintirca area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 21 (30/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Pichari area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 22 (31/03/23) Fieldwork Chiquintirca area. (EB, ML). Night Sivia area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 23 (01/04/23) Fieldwork Chiquintirca area. (EB, ML). Night Sivia area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 24 (02/04/23) Fieldwork Chiquintirca area. (EB, ML). Night Sivia area.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 25 (03/04/23) Fieldwork Tambo area. (EB, ML). Night Ayacucho.

Early am and late pm. Avifaunal survey, pm data processing and collation.

DAY 26 (04/04/23) Return to Lima. (EB). Return to Cusco. (ML).