

LOGBOOK

Year: 2016

Season: January : February

Logbook pages scanned to jpg then combined into a pdf file using <http://smallpdf.com/>

Juan Corrin, May 2016

From: Carolina Smith de la Fuente <smithdelafuente@gmail.com>

To: Juan Corrin <uzueka@aol.com>

Subject: 415 > New passage survey

Date: Wed, Feb 24, 2016 6:30 pm

Attachments: 0415 New Years Eve.svx (688)

Jan - Feb. 2016

①

Hi Juan,

I know I should have sent this almost 2 months ago, but January and February have been a bit chaotic with work and time has flown by without me finding the time (or remembering).

My father and I went into 415 on New Year's Eve and surveyed a new passage. It's not very long, but at the end of it there is a pitch that seems undescended (although there are carbide marks at the top...). We tried to attach it to the old survey on the website, and it seems that it had not been surveyed previously, and there is no mention of it on the description, so no idea where that pitch goes. I'll go in next time I'm in Matienzo to find out. We also seem to find on the old survey passages that we have not yet found. We are not very sure how to re-discover them (if they do really exist, they could be an error of the old survey), but we'll go looking for them. Unfortunately, I won't be going to Matienzo at Easter or Summer, but there are chances of a November trip.

We didn't have all the new survey files, so the .svx attached doesn't fully link to the rest of the survey (as you will see by the ";7 EQUALS 36 in survey on 1 Aug") and we haven't given the file an official name, could you do it? Or send me the details so I can produce an acceptable .svx file?

Other than that, fiddling with Inkscape to try and get an acceptable drawn survey and writing the description as I go. It's a steep and slow learning curve, but I'm getting there. :-)

←
Dye in 3884 (where streams unite below pitches) 13/02/16, c. 13:00

People involved Terry Whitaker and Peter Smith

Minor flood event 12/02/2016

Detectors in, 13/02/2016: PS & TW

Jivero 1 [0016], 13:45 flow c. <70l/sec; water clear
Loca 1 [0019], 13:45 flow c. 50l/sec; water clear
Anderal 1 [0008], 14:15; flow c. 30l/sec; water clear
Mortiro North Rising [4272], 12:00 flow c. 200l/sec; water clear
Resurgence Cave [4271] 30T-0455145, 4793131 13:30 flow <400l/sec water slightly turbid
Stream from Cueva Tiva nr Pasabolo field [3929] 14:30 flow <500l/sec water slightly turbid

Detectors checked, 14/02/2016: TW

Minor flood event over night

Mortiro North Rising [4272] 13:20 flow c. 250l/sec Negative, water clear. Detector slightly discoloured
Anderal 1 [0008], 13:45; flow c. 30-40 l/sec; Negative, water clear. Detector slightly discoloured

Detectors checked, 15/02/2016: TW

Major flood event over night and continuing

Mortiro North Rising [4272] 13:15 flow c. 500l/sec water slightly turbid. Detector under <1m of water
Stream from Cueva Tiva nr Pasabolo field [3929] (452632,4796127) 14:30 flow <750l/sec water very turbid
Detector under 1m of water.
Resurgence Cave [4271] 30T-0455145-4793131 13:00 full flood flow; >750l/sec water very turbid. Impossible to recover detector.
Jivero 1 [0016], 13:45 flow c. <150l/sec; Negative, detector discoloured, water slightly turbid Detector difficult to recover as 40cm down and strong flow.
Loca 1 [0019], 14:00 flow c. 70l/sec; Negative, detector discoloured, water slightly turbid.
Anderal 1 [0008], 13:45; flow c. 50 l/sec; Negative, water slightly turbid. Detector very discoloured and moved 1m downstream. Signs of higher stage flow.

Detectors checked, 16/02/2016: PS

Water levels falling

Jivero 1 [0016], 14:30 flow c. xxxl/sec; Positive ++, detector discoloured, water slightly turbid.
Mortiro North Rising [4272] 15:15 flow c. xxl/sec Negative, detector discoloured, water slightly turbid.

Detectors checked, 18/02/2016: PS

Resurgence Cave [4271] Manatíal de Tres (14:00-1500) Negative, detector discoloured.
Loca 1 [0019] Negative, detector discoloured, flow c. 30l/sec; (14:00-1500).
Anderal 1 [0008] Negative, detector very discoloured (14:00-1500).
Stream from Cueva Tiva nr Pasabolo field [3929] (30T452632E 4796127N) (14:00-1500) Negative, detector very discoloured.
Mortiro North Rising [4272] (14:00-1500) flow c. 200l/sec Negative, detector discoloured, water clear
Terry Whitaker 20/2/2016

Conclusion (JSC): Water from 3884 travels to the Jivero 1 (0016) resurgence in some time >48 hours and less than 72 hours. A straight line distance of 370m. A velocity of 7.7m/h at the most. This result is surprising as, according to map contours and cave surveys, the downstream end of 3884 is at 249m whereas the Jivero 1 rising is at 254m.

← JANUARY - FEBRUARY 2016. (3)

January 12th

Peter, Juan

J'envoie un inventaire des grottes et gouffres (154 cavités) que j'ai réalisé sur le secteur Arredondo Nord (essentiellement terminal Arredondo au nord du rio bustablado)

C'est un document provisoire, incomplet, surtout en ce qui concerne les descriptions et je joins seulement quelques topographies en attendant d'autres.

Beaucoup de cavités nouvelles sont minimes, seules sont un peu plus intéressantes :

2034 Sumidero de Orcones

2057 Cueva del Tocayo

2012 Hoyo de Llaneces (prolongé en 2014)

2101 Cueva de la Raza

2106 Torca de Tantas Noches

J'ai pu préciser un certain nombre de coordonnées de cavités qui figuraient sur votre site (coord ED 50) comme :

2095 Sumidero de Linares

2096 Fuente de la Plata

2138 cueva del Jaral

D'autres coordonnées concernant les cavités plus anciennes (1988) ont souvent été précisées)

Si vous souhaitez faire figurer sur votre site Matienzo quelques grottes (les principales (?), pas de problème sauf pour la cueva del Tocayo, La torca Tilina 2134 (que nous pourrions explorer ensemble), la torca de Laveron 2282.

Inutile de fournir trop d'informations à des spéléologues peu scrupuleux (j'en connais hélas) qui n'hésiteraient pas à aller faire l'exploration.

Par ailleurs j'ai récupéré des articles de biospéléologues français (Derouet, Dresco etc..) mentionnant surtout des cavités du val d'ason mais aussi quelques cavités du col d'Alisas, le sumidero del Hoyon et à Hoznayo la fuente del francés. Rien d'important mais intéressant pour la bibliographie sur votre secteur. Peut-être avez-vous déjà le document.

Bien amicalement

guy

Edited to include Matienzo CP numbers:

Peter, Juan

I send an inventory of caves and pits (154 cavities) that I realized the Northern sector Arredondo (Arredondo terminal mainly north of the Rio Bustablado)

This is a draft document, incomplete, particularly for descriptions and I just attached some topographies pending further.

Many new cavities are minimal, only a little more interesting are:

2034 Sumidero of Orcones (MCP 3602)

2057 Cueva del Tocayo (new MCP 4295)

2012 Hoyo de Llaneces (extended in 2014) (MCP 1752)

2101 Cueva de la Raza (new MCP 4335)

2106 Tantas Noches de Torca (new MCP 4340)

I was able to clarify a number of cavities coordinates that appeared on your site (coord ED 50) as:

2095 Sumidero Linares (MCP 1195)

2096 Fuente de la Plata (MCP 1194)

2138 Cueva del Jaral (MCP 1196)

Other details concerning the oldest cavities (1988) have often been specified)

If you want to include on your site Matienzo some caves (the main (?), No problem except for the Cueva del Tocayo, The torca Tilina 2134 (we can explore together), the torca Laveron of 2282. 4295 4247 4379

Needless to provide too much information to unscrupulous cavers (unfortunately I know) who would not hesitate to go for exploration.

Furthermore I recovered articles of French biospéléologues (Derouet, Dresco etc ..) especially mentioning cavities of the valley but also some ason neck cavities of Alisas the sumidero del Hoyon and Hoznayo la fuente del francés. Nothing important but interesting for the bibliography on your sector. Maybe you already have the document.

Sincerely

guy

14th January - 16th January Cueva de las Perlas (74)

PhD student Laura Deeprose and Erasmus exchange student Joanna Houska continued gathering data, resetting detectors and collecting stal samples over these three days. They were joined on occasion by Andy Quin, Peter Wynn, Phil Papard and Juan Corrin.

16th January

Phil Papard and Terry Whitaker surveyed the Torca del Hoyón depression and various photos were taken. Sites 0567, 4245, 4246. The planned descent of site 4246, where water can be heard down a

pitch, was put on hold when it was discovered that some work would be needed to open up the drop.

15th - 20th Jan - photos

16th - 20th January

Pete Smith put 1.5 litres of optical brightener into Orillón (1162). Over the next couple of days Terry examined the detectors around the Mortiro depression and found that the northern spring (4272) was positive, the western spring (4273) negative and the Esquileña rising (4271) positive, confirming the November test. Photos of 0005 and others.

20th - 0059 - Juan photos in Agua

23rd January

A new entrance to the Loca cave (0020) was confirmed. Pete Smith has been resurveying the system and, at the northern extremity, had found a rift with daylight appearing above. He was unable to find any hole on the surface. Peter entered the cave and the surface team (Ian Chandler) and Terry Whitaker) was able to communicate with him down a small, obscure hole. (Site 4276). Photos.

From: Terry Whitaker <t.whitaker1@btinternet.com>

To: Juan Corrin <Uzueka@aol.com>

Subject: Bits of data for the website

Date: Mon, Jan 18, 2016 11:51 am

Hi Juan

A few grid refs:

005 Cueva del Mortiro, 30T 0454648 4793174 +/- 13m. ✓

4271 Equileña, 30T 0455145 4792779 +/- 6m. ✓

4272 Northern Resurgence 30T 0454632 4793238 +/- 16m. ✓

4273 Western Resurgence 30T 0455145 4792779 +/- +/- 13m. X - same as 4271

TMW has photos of all the above

All seem N of orig. positions?
Check needed.

Bustablado: A small resurgence [about 150l/sec] (public water supply) and low cave under right bank of stream:

30 T 446588 4793104 Of interest to Guy? Is site 4282 (SCD #2038)

A brief addition to the 2025 Fox Hat write up:

'At the base of the first slope a small stream crosses. It has washed bones out of the sediments. A large femur was tentatively identified as from a badger.'

I noticed that the current website index only goes up to 4249 so I had problems confirming the later numbers were correct.

Regards

T

From: Terry Whitaker <t.whitaker1@btinternet.com>

To: Juan Corrin <uzueka@aol.com>

Cc: Phil Papard <papard@easynet.co.uk>

Subject: Re: Hoyon

Date: Tue, Jan 26, 2016 6:12 pm

Hi Juan

Glad you got home safely.

The weather has been perfect since you left.!!! Warm and mainly sunny. Ridiculously, after

the rather cold start on Sunday it became warm later but the highest temperature of 20 degrees was after 8 at night and the whole night was warmer than 19 degrees. Now more normal at 8-15 degrees.

0567A sandstone cave" is this an undocumented one? If so, can you give me an approximate grid reference. (Perhaps using the 0567.3d file

This is a low cave under a sandstone bed with a small wall across the entrance and it was probably reported by Myself, Pete, Ali & Phil in October 2015. I don't know if it was given a number then. It is at Station 5 in Phils surface survey I estimate Phils station was about 1m higher than the cave. It is my Way point #011 at 30T 447529 4793119 (+- 6m). Height recorded as 638.6m but that is probably best ignored.

Is your "0567C Rock Shelter cave" photo the hole at the base of the depression, [site 4245](#) ?

Yes

My grid ref for Hoyon shaft entrance [Waypoint #013] is 30T 447452 4793139 (+-9m) using the GPS 60

The semicircular walled pit is at Waypoint #012] is 30T 447451 4793130

Both these later locations at 629.2m OD.

The Fissure 4246 down which you can hear a stream was not GPS'd by me as there was no satellites reception but it looks right on Phil's survey.

I will get my act together and send you the grid references dates and times and guesstimated stream flows and results summary of the Orinon dye test in the next day or so.

regards

Terry

From: Terry Whitaker <t.whitaker1@btinternet.com>

To: Juan Corrin <Uzueka@aol.com>

Cc: Phil Papard <papard@easynet.co.uk>; Pedro <smith_peter2004@yahoo.es>

Subject: Orinon 2nd Test

Date: Wed, Jan 27, 2016 2:15 pm

Hi Juan

For the Record: Dye in Orinon (near first inlet) 16/1/16, c. 16:00

North = East
~~West~~

Detectors in:

Mortiro North Rising 30T 0454487 4793131 [+ 9m] 16/1/16, 12:00 flow c. 300l/sec water clear

Mortiro West Rising 30T 0454487 4793131 [+ 9m] 16/1/16, 12:45 flow <60l/sec water clear

Inflow to Cueva Mortiro 30T 454648 47931 [+ 13m] 16/1/16, 12:30 flow c. 370 l/sec

Resurgence Cave 30T 0455145 4793131 [+ 6m] 16/1/16, 13:30 flow <370l/sec water clear

Detectors checked:

Mortiro North Rising 17/1/16, 14:00 flow c. 250l/sec Negative, water clear

Mortiro West Rising 17/1/16, 14:15 flow 60l/sec Negative, water clear

Resurgence Cave 17/1/16, 13:30 flow <300l/sec Negative, water clear

Detectors checked:

Mortiro North Rising 18/1/16, 13:45 flow <400l/sec Positive ++ water clear

Mortiro West Rising 18/1/16, 14:15 flow 70-80l/sec Negative water clear

Resurgence Cave 18/1/16, 13:30 flow <500l/sec Positive + (detector slightly discoloured) Water turbid

Detectors checked:

Mortiro North Rising 20/1/16, 13:45 flow c. 200l/sec Strongly Positive +++ water clear

Mortiro West Rising 20/1/16, 14:15 flow 30l/sec Negative, water clear

Resurgence Cave 20/1/16, 13:30 flow <250l/sec Positive ++ (detector very discoloured), water clear.

People involved TW, PS, PP
++++
Dr Terence M. Whitaker,
Currently in Matienzo, Cantabria, SPAIN

From: Terry Whitaker <t.whitaker1@btinternet.com>

To: Juan Corrin <uzueka@aol.com>

Subject: Re: Bits of data for the website

Date: Tue, Feb 2, 2016 1:41 pm

Attachments: Mortiro depression.jpg (748K)

Hi Juan.

Transcription error

4271 Equileña, 30T 0455145 4792779 +/- 6m. *use.*

4272 Northern Resurgence 30T 0454632 4793238 +/- 16m. *use.*

4273 Western Resurgence 30T 0454487 4793131 +/- +/- 9m. *use.*

I am of the opinion that the map details are not very accurate with regards to field edges and the riparian tree lines are far too broad. I have looked on google earth and placed markers where I think the features are. Rather than repeat everything I offer the attached a screenshot aerial photo.

Can't convert the lat long to WSG grid refs but the pins are at:

Cave 005 43 degrees 17 minutes 26.92 N, 3 degrees 33 minutes 33.98 W 30T 045⁶⁰⁵46⁶⁰⁵ 4793176 *use.*

NR 43 degrees 17 minutes 17.50 N, 3 degrees 33 minutes 34.43 W 30T 0454617 4793260 (4272)

WR 43 degrees 17 minutes 22.72 N, 3 degrees 33 minutes 39.88 W 30T 0454485 4793130 approx (4273)

The resurgence 4271 appears to be at 43 degrees 17 minutes 11.14 N, 3 degrees 33 minutes 10.87 W

Hope this helps.

Regards

T^

From: Peter Smith <smith_peter2004@yahoo.es>

To: Juan Corrin <uzueka@aol.com>

Subject: Cueva 0020

Date: Tue, Feb 9, 2016 8:42 am

Attachments: Locall.svx (468), Locall_1.svx (3K), Locall_3.svx (2K), Locall_4.svx (1K), Locall_5.svx (2K)

Hello Juan

Here's the data I've got for Cueva Loca 2. I don't think I'll be doing any more surveying there for now (but there's still plenty to do!) ²⁰

Also, on Saturday Emilio showed me Cueva del Palo de la Mesa, near Navajeda (one of the caves in the B.A.R.). The grid ref is 445.457 4.800.934. It looks to be completely choked. I don't know whether John Southworth and co. had already come across it. ⁴³⁸⁶

Very windy here again. But no rain so far today.

Cheers

Pete

MATIENZO CAVES PROJECT