



VARISCAN 2015

The Variscan belt: correlations and plate dynamics

Special meeting of the French & Spanish Geological Societies

Third field trip

NW Iberian Massif (Galicia): The nappe stack from the Autochthon to the Upper Allochthon

A Coruña, 12-18 June 2016

<http://variscan2016.wix.com/nwiberianfieldtrip>

First Circular



General

The conference **Variscan 2015, The Variscan belt: correlations and plate dynamics**, was held at Rennes (France) the days 9-11 June, 2015, and pre- and post-conference excursions were dedicated to visit the Ile-de-Groix blueschists, as well as migmatites and deformed granites of the Armorican Massif, and to the Champtoceaux nappe complex respectively.

A post-conference excursion focused in the allochthonous complexes of Galicia (Spain) and their correlation with comparable units in the Armorican Massif was initially envisaged, but had to be postponed due to the suspension of the operation of the St. Nazaire-Gijón ferry.

This circular is aimed to call for people interested in a third field trip of the Variscan 2015 meeting in the NW Iberian Massif, consisting in a traverse across the nappe stack of the so-called Galician Complexes, from the Autochthon to the Upper Allochthon. The excursion would be held the days 12-18 June, 2016, provided that enough people are interested. Key outcrops in an environment of ca. 75 km around A Coruña will be visited during days 13-17 June, while days 12 and 18 will be spent in travelling from Madrid to Galicia and back to Madrid. Although aimed at colleagues having attended the Rennes meeting, other interested people are welcome until the maximum number of participants is attained.

Organization

José R. Martínez Catalán, Juan Gómez Barreiro, Jacobo Abati, Pilar Andonaegui, Pedro Castiñeiras, Rubén Díez Fernández, Alejandro Díez Montes, Emilio González Clavijo, Alicia López Carmona and Francisco J. Rubio Pascual.

Field trip

The excursion will visit the allochthonous complexes of Cabo Ortegal, Órdenes and Malpica-Tui, in northwestern Galicia, where units of the three allochthons are well represented, as well as localities in the Autochthon and Parautochthon. The first day would be devoted to the Autochthon and Parautochthon around the Cabo Ortegal Complex, visiting classic localities of the Ollo de Sapo Fm. as well as Late Ordovician diamictites and synorogenic deposits. The second day we would visit the Cabo Ortegal Complex, where rocks of oceanic affinity (Middle Allochthon) and HP-HT units of the Upper Allochthon crop out in an impressive landscape. During the third and fourth days, cross sections would be made across the ophiolitic to uppermost allochthon complexes in the E and W parts of the Órdenes Complex respectively. The fifth day will be devoted to the Lower Allochthon in the Malpica-Tui Complex.

The plan is to gather the Sunday 12th June shortly after noon in Madrid, where a bus will take us to Espasante, a small village at the eastern border of the Cabo Ortegal Complex. The next two days, we will visit the coastal section of the Autochthon and the Cabo Ortegal Complex, spending another two nights in the same locality. The following three days, we will head south and southwest to study the allochthonous units in the Órdenes and Malpica-Tui complexes, staying at a hotel in Santa Cruz de Oleiros, a small village close to A Coruña. The excursion will end late in the afternoon of Friday 17th June in the same hotel. Early in the morning of Saturday 18th June, the bus will take us back to Madrid, where we expect to arrive early in the afternoon.

There is also the possibility of reaching A Coruña by plane directly from Barcelona, Bilbao, Madrid, Sevilla and London, or by train from Madrid (6 hours) and Barcelona (13 hours). Unfortunately, Espasante, our starting point, is 118 km northeast of A Coruña by road, and it is not easy to reach by public transport. So, and especially for foreign travellers, we would recommend to board the bus in Madrid on Sunday 12th and use it to return in the morning of Saturday 18th. However, participants willing to travel quickly back to Madrid may choose to fly in one of several

flights from A Coruña at their own expenses. In both cases, participants might get return flights from Madrid in the afternoon. Note that A Coruña is the city's name in Galician language, but travel agencies and flight finders may have trouble to find it, in part because of the Spanish and Galician character "ñ". In that case, try A Coruna, La Coruna or simply Coruna, and also La Coruña or Coruña.

No specific equipment would be required. Light hiking boots / sport shoes are sufficient. Although the weather is generally good in June, the occurrence of rain can never be excluded in Galicia.

Registration

The rate of the excursion for earlybird registration, ending on Tuesday March 15th, is 225 € including bus for the whole trip starting and ending in Madrid as well as the Fieldtrip Guide. Last booking date will be Sunday May 15th, at a rate of 300 € providing that there are vacancies.

Hotel reservations for accommodation for the 6 nights in double rooms, including breakfasts, dinners, and picnic bags for lunch, will be provided by the organization, but will be paid directly by participants at the hotels. The price for the whole package is 375 € for sharing double rooms, and 480 € for single room or single use of double rooms.

Registration and accommodation forms will be shortly available at the web page <http://variscan2016.wix.com/nwiberianfieldtrip>. Please check it periodically for updates.

A Second Circular will be addressed to registered participants, with details such as the appointment for boarding the bus in Madrid, and hotel names and addresses. These will also be available at the web page.

Key information

Dates

March 15 th , 2016	Earlybird registration
May 15 th , 2016	Last booking date
June 12 th , 2016	Excursion starts boarding the bus in Madrid
June 18 th , 2016	Excursion ends in the afternoon in Madrid

Prices

Earlybird registration	225 €
Late registration	300 €
Hotel reservation (to be paid at the hotels)	375 €(double room), 480 €(single room)

Participants

Maximum 35 (not including the organizers)

Contact

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