



GOOGLE MAPS 38.905467, -3.925528



[www.proyectogeoparquevolcanesdecalatrava.es](http://www.proyectogeoparquevolcanesdecalatrava.es)



# PROJECT CALATRAVA VOLCANOES GEOPARK. CIUDAD REAL

## ZURRIAGA-LA PUEBLA ERUPTIVE ALIGNMENT



- Magma
- Mercury
- Coal





The “Eruptive alignment of Zurriaga-Ciruela-La Puebla” displays a rich and diverse geological setting with a succession of volcanic forms representative of the Calatrava volcanic region: well-preserved lava flows, prismatic columns, pyroclastic cones, almagres, extensive “negrizales” or black soil, and hydrogmagmatic craters that developed tuff rings and deposits of basal pyroclastic surges (Fig. 1 and 2).

This alignment of volcanic forms is arranged on a NNW-SSE oriented fissure, with a maximum length of about seven kilometres, and a maximum width of two kilometres. This whole network of volcanoes is due to the confluence in this area of numerous fracture lines formed by the movements and thrusts of the ground over the long geological history. The volcanoes are located on these fracture lines, as the magma uses them to rise to the surface (Fig. 3).

From South-East to North-West, the “Cerrajón de la Puebla” volcano appears first, followed by the maars of “Cantagallos” and “Longueras”, two associated volcanoes: “Cerro de las Moreras” and “Casas de Ciruela”. Finally, at the North-West end of the alignment, stands the “Volcán de la Zurriaga”.

Right here at Ciruela volcano we find an eruption in a fissure in the terrain nowadays presented in the form of a volcanic chimney or as an accumulation of splashes of lava and slag, exposed to the air by the erosion of the finer materials that covered it.

This volcanic edifice is listed by the IGME as a Site of Geological Interest –LIG TM140– “Alignment of volcanoes of Caserío de Ciruela”. The site holds both historical value (village and ruins of the “Castillo de Ciruela”) and environmental value as a special protection area for steppe birds (ZEPA Campo de Calatrava).

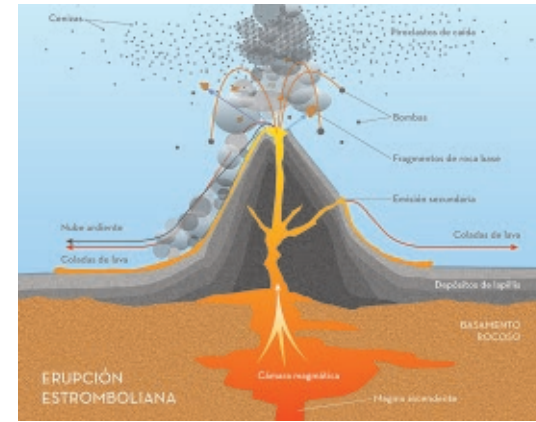


Fig. 1

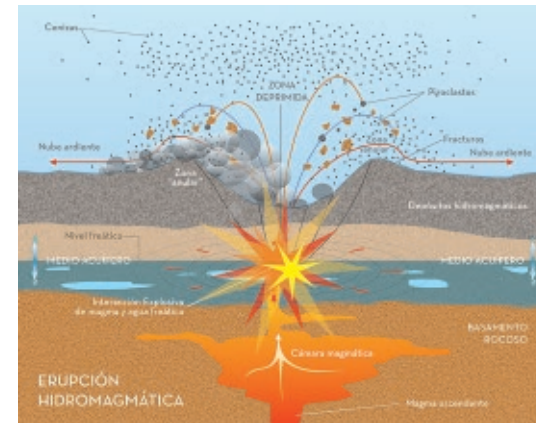


Fig. 2



Work derived from Mapa-LiDAR 2019 CC-BY 4.0 scne.es - Fig. 3