



S → N
 CROSS SECTIONS
 OF THE
 CANTABRIAN MTS.
 SCALE 1:100.000

TERTIARY & CRETACEOUS		T	
Cea group (Stephanian)	Ce	Shale + sst.	
	Cc	Conglomerate	
CARBONIFEROUS	Cy	Shale + sst.	
	Cl	Thin Ist. Limestone	
	Cu	Conglomerate	

CARBONIFEROUS	C	Culm facies
	Ca	Limestone
		Griotte
		Black shales
DEVONIAN	E	Quartzite + sst.
	PL	Shale + Ist.
	V	Shale + dol.
	S	Shale + Fe.sst.
SILURIAN		
ORDOVICIAN	B	Quartzite
	O	Shale + sst.
CAMBRIAN	L	Griotte + dol.
	H	Quartzite + Ist.
PRE-CAMBRIAN	P-C	Slates
		Igneous rocks
	c	Coal seams



QUATERNARY, terraces and unknown			
TERTIARY and CRETACEOUS		T	
JURASSIC, including Rhaetic		J	
TRIASSIC		Tr	
CARBONIFEROUS	Cea group	Stephanian	Ce Shale and sst. Cc Conglomerate
	Yuso group	Westfalian	Cy Shale and sst. Thin lst. Limestone
	Curavacas form.		Cu Conglomerate
	Ruesga group	Namurian - Visean	C Culm facies Ca Limestone Grotte Tournaisian? Black shale facies
DEVONIAN	Bernesga group	Frasnian + Famennian	E Quartzite and sst.
		Givetian	PL Shale and lst.
		Emsian + Siegenian + Gedinian	V Shale and dol.
SILURIAN	Luna group	Frasnian + Famennian	S Shale and fe. sst.
		Tremadoc	B Quartzite
ORDOVICIAN	Oville form.	Acadian	O Shale, sst. and lst.
CAMBRIAN	Lancara form.	Georgian	L Grotte and dol.
	Herreria form.		H Quartzite and lst.
PRE-CAMBRIAN	Mora group		PE Slates

Igneous rocks { Carboniferous (red)
Low Paleozoic (orange)

Coal seam (dashed line)
Thrust (line with triangles)
Fault (line with dashes)

PROVISIONAL GEOLOGICAL MAP OF THE SOUTHERN SLOPE OF THE CANTABRIAN MOUNTAINS

PREPARED BY L.U. DE SITTER AND COLLABORATORS, COMPLETED WITH DATA FROM OFFICIAL PUBLISHED MAPS

SCALE 1:100,000

Realizado de acuerdo con la Comisión Nacional de Geología (España).