

PAPERS

2016 – Submitted – in Press

- Aguirre-Fernández G., Mennecart B., Sánchez-Villagra M.R., Sánchez R., **Costeur L.** (submitted). A fossil dolphin from the northern Neotropics, tempo and mode of habitat transitions in iniid evolution. *Journal of Vertebrate Paleontology*.
- Martini P., Schmid P. & **Costeur L.** (submitted). Comparative morphometry of the Bactrian camel and Dromedary. *Journal of Mammalian Evolution*.
- Costeur L.**, Mennecart. B., Schulz G. & Müller B. (submitted). Middle ear bones of a mid-gestation ruminant foetus extracted from X-Ray computed tomography. *Proceedings of SPIE*
- Costeur L.**, Mennecart. B., Schulz G. & Müller B. (in press). Prenatal growth stages show the development of the ruminant bony labyrinth and petrosal bone. *Journal of Anatomy*.
- Mennecart. B., Rössner G.E., Métails G., DeMiguel D., Schulz G. & Müller B., **Costeur L.** (2016). The petrosal bone and bony labyrinth of early to middle Miocene European deer (Mammalia, Cervidae) reveal their phylogeny. *Journal of Morphology*. doi:10.1002/jmor.20579
- Minwer-Barakat R., Marigó J., Femenias-Gual J., **Costeur L.**, Moyà-Solà S. (in review). *Microchoerus hookeri* nov. sp., a new late Eocene European microchoerine (Omomyidae, Primates): new insights on the evolution of the genus *Microchoerus*. *Journal of Human Evolution*.
- Bokma F., Godinot M., Maridet O., Ladevèze S., **Costeur L.**, Solé F., Gheerbrand E., Peigné S., Jacques F., Laurin M. (2016). Testing for Depéret's Rule (body size increase) in Mammals using Combined Extinct and Extant Data. *Systematic Biology* 65(1):98-108.
- Khimchenko A., Schulz G., Deyhle H., Hieber S.E., Hasan S., Bikis C., Schulz J., **Costeur L.** & Müller B. (2016). Non-destructive phase contrast hard X-ray imaging to reveal the three-dimensional microstructure of soft and hard tissues. *Proceedings of SPIE*, 9797, 97970B: doi: 10.1117/12.2222038
- Mennecart B. & **Costeur L.** (2016). Shape variation and ontogeny of the ruminant bony labyrinth, an example in Tragulidae. *Journal of Anatomy* 229(3): 422-435.
- Mennecart B. & **Costeur L.** (2016). A *Dorcatherium* (Mammalia, Ruminantia, Middle Miocene) petrosal bone and the tragulid ear region. *Journal of Vertebrate Paleontology* 36(6). doi 10.1080/02724634.2016.1211665.
- Pandolfi L., Carnevale G., **Costeur L.**, Del Favero L., Fornasiero M., Ghezzi E., Maiorino L., Mietto P., Piras P., Rook L., Sansalone G. & Kotsakis T. (2016). Reassessing the earliest Oligocene vertebrate assemblage of Monteviale (Vicenza, Italy). *Journal of Systematic Palaeontology*. doi:10.1080/14772019.2016.1147170

2015

- Benoît J., Lehmann T., Vatter M., Lebrun R., Merigeaud S., **Costeur L.** & Tabuce R. (2015). Comparative anatomy and three dimensional geometric-morphometric study of the bony labyrinth of Bibymalagasia (Mammalia, Afrotheria). *Journal of Vertebrate Paleontology* 35(3): e930043
- Iurino D., Profico A., Cherin M., Veneziano A., **Costeur L.**, Sardella R. (2015). A lynx natural brain endocast from Ingarano (Southern Italy; Late Pleistocene): Taphonomic, Morphometric and Phylogenetic approaches. *Hystrix, the Italian Journal of Mammalogy*, 26(2):110-117. doi:10.4404/hystrix-26.2-11465.
- Martini P., **Costeur L.**, Le Tensorer, J.-M., & Schmid P. (2015) Pleistocene camelids from the Syrian desert: the diversity in El Kowm. *L'Anthropologie* 119: 687-693

Seiffert E., **Costeur L.** & Boyer D. (2015). Primate tarsal bones from Egerkingen, Switzerland, attributable to the middle Eocene adapiform *Caenopithecus lemuroides*. *PeerJ* 3:e1036

2014

Costeur L. (2014). The petrosal bone and inner ear of *Micromeryx flourensianus* (Mammalia, Moschidae). *Zitteliana* B32

Costeur L., Schulz G. & Müller B. (2014). High-resolution X-ray computer tomography to understand ruminant phylogeny. *Proceedings of SPIE* 9212: 921216-1 - 921216-7.

2013

Maridet O., Hugueney M. & **Costeur L.** (2013). The mammalian assemblage of Mazan (Vaucluse, France) and its position in the Early Oligocene European biogeography. *Swiss Journal of Geosciences* 106: 231-252.

De Pietri V., Mourer-Chauviré C., Menkveld-Gfeller U., Meyer C.A. & **Costeur L.** (2013). First record of owls (Aves, Strigiformes) from the Eocene and Oligocene of Switzerland, and a preliminary assessment of the Swiss fossil avifauna. *Swiss Journal of Geosciences* 106: 187-197.

Aiglstorfer M. & **Costeur L.** (2013). The Moschidae of Dorn-Dürkheim 1 (Germany). *Palaeobiodiversity and Palaeoenvironments* 93(2): 207-215.

Costeur L., Maridet O., Montuire S., Legendre S. (2013). Evidence of northern Turolian savanna-woodland from the Dorn-Dürkheim 1 fauna (Germany). *Palaeobiodiversity and Palaeoenvironments* 93(2): 259-275.

Franzen J.L., Pickford M. & **Costeur L.** (2013). Palaeobiodiversity, Palaeoecology, Palaeobiogeography and Biochronology of Dorn-Dürkheim 1 – a Summary. *Palaeobiodiversity and Palaeoenvironments* 93(2): 277-284.

Geiger M., Wilson L.A.B., **Costeur L.**, Sánchez R. & Sánchez-Villagra M.R. (2013). Diversity and body size in giant caviomorphs (Rodentia) from the Northern Neotropics – a study of femoral variation. *Journal of Vertebrate Paleontology* 33(6): 1449-1456.

Maridet O., **Costeur L.** & Legendre S. (2013). European Neogene rodent communities: explaining family-level replacements through a spatiotemporal approach. *Historical Biology* 25(5-6): 655-677.

2012

Boyer D., **Costeur L.** & Lipman Y. (2012). First Paleocene record of *Platychoerops* (Primates, Plesiadapidae) from Mouras Quarry, Berru, France. *American Journal of Physical Anthropology* 149(3): 329-346.

Costeur L., Guérin C & Maridet O. (2012). Paléoécologie et Paléoenvironnement du site miocène de Sansan. In Peigné S. & Sen S. (eds), Mammifères de Sansan. Muséum national d'Histoire naturelle, Paris: 661-693 (Mémoires du Muséum national d'Histoire naturelle ; 203). ISBN: 978-2-85653-681-0.

Costeur L., Maridet O., Peigné S. & Heizmann E.P.J. (2012). Palaeoecology and palaeoenvironment of the Aquitanian locality Ulm-Westtangente (MN2, Lower Freshwater Molasse, Germany). In: Costeur L. & Maridet O. (eds), A tribute to Burkart Engesser. *Swiss Journal of Palaeontology* 131(1): 183-199

Costeur L., Maridet O., Qiu Z. & Qiu Z. (2012). A Tribute to Burkart Engesser. In: Costeur L. & Maridet O. (eds), A tribute to Burkart Engesser. *Swiss Journal of Palaeontology* 131(1): 1-6.

Merceron G., **Costeur L.**, Maridet O., Ramdarshan A. & Göhlich U.B. (2012). Multi-proxy approach detects heterogeneous habitats for primates during the Miocene climatic optimum in Central Europe. *Journal of Human Evolution* 63:150-161.

2011

Costeur L. (2011). A partial skull of *Dremotherium feignouxii* from the Aquitanian of France (MN2, Saint-Gérard-le-Puy, Allier). *Acta Geologica Slovaca* 3(2): 105-112.

Costeur L., & Schneider M. (2011). Catalogue of the Eocene mammal holotypes of the Natural History Museum Basel. *Carnets de Géologie - Notebooks on Geology*, Brest, Book 2011/03 (**CG2011_B03**), 128 p., 18 figs.

De Pietri V., **Costeur L.**, Günthert M. & Manegold, A. (2011). A new species of woodpecker (Aves; Picidae) from the early Miocene of Saulcet (Allier, France). *Swiss Journal of Palaeontology* 130(2): 307-314.

De Pietri V., **Costeur L.**, Günthert M. & Mayr G. (2011). A revision of the Lari (Aves: Charadriiformes) from the early Miocene of Saint-Gérard-le-Puy (Allier, France). *Journal of Vertebrate Palaeontology* 31(4): 812-828.

Marty, D., Billon-Bruyat, J.-P., Meyer, C.A., **Costeur, L.** & Thüring, B. (2011). Preface: Proceedings of the 5th International Symposium on Lithographic Limestone and Plattenkalk. *Swiss Journal of Geosciences* supplement 1: 1-4.

2010

Costeur L., & Malvesy T. (2010). A "new" *Mesopithecus pentelicus* skull from Pikermi (Late Miocene, Greece). *Hellenic Journal of Geosciences* 45. 45-54.

Costeur L. (2010). The new Miocene Samos faunas. Book Review. *Acta Palaeontologica Polonica* 55(2): 188

Maridet O. & **Costeur L.** (2010). Diversity trends in Neogene European ungulates and rodents: Large scale comparisons and perspectives. *Naturwissenschaften* 97(2): 161-172.

Müller M. & **Costeur L.** (2010). Katalog der rezenten Reptilien der Osteologischen Sammlung des Naturhistorisches Museum Basel (Schweiz). *Mitteilungen der Naturforschenden Gesellschaften beider Basel* 12: 49-74.

2009

Costeur L., Ezquerro, R. (2009). Early Cretaceous fish trails from La Rioja, Spain. *Cretaceous Research* 30: 1027-1030.

Costeur L., Balme C. & Legal S. (2009). Early Oligocene mammal tracks from South-eastern France. *Ichnos* 16: 257-267.

Costeur L. (2009). Preliminary overview of regional endemism in European Neogene ungulates. *Bulletin de la Société Géologique de France* 180(1): 17-25.

2008

Costeur L. & Legendre, S. (2008). Spatial and temporal variation in European ungulate diversity. *Palaeogeography, Palaeoclimatology, Palaeoecology* 261: 127-144.

Costeur L. & Legendre, S. (2008). Mammalian communities document a latitudinal environmental gradient during the Middle Miocene Climatic Optimum in Western Europe. *Palaios* 23: 280-288

2007

Costeur L., Legendre S., Aguilar, J.-P. & Lécuyer, C. (2007). Marine and continental synchronous climatic records: towards a revision of the European Mid-Miocene biochronological framework. *Geobios* 40(6): 775-784.

Costeur L., Montuire S., Legendre S. & Maridet O. (2007). The Messinian Salinity Crisis: What happened to the peri-Mediterranean mammalian communities and local climate? *Geobios* 40(3): 423-431.

Ezquerro R., Doublet S., **Costeur L.**, Galton P. & Pérez-Lorente F. (2007). Were theropod dinosaurs able to swim? Definitive evidence from an Early Cretaceous trackway, Cameros Basin (La Rioja, Spain). *Geology* 35(6): 507-510.

Maridet O., Escarguel G., **Costeur L.**, Mein P., Hugueney M. & Legendre S. (2007). Small mammals European regional paleobiogeography from the late Oligocene to the mid Pliocene. *Global Ecology and Biogeography* 16: 529-544.

2005

Costeur L. (2005). Cenogram analysis of the Rudabánya mammalian community: palaeoenvironmental interpretations. In Bernor & Kordos (Eds) The Late Miocene Hominoid Locality of Rudabánya. *Palaeontographica Italica* 90: 291-295.

2004

Brayard A., Héran M.-A., **Costeur L.** & Escarguel G. (2004). Quantitative paleobiogeographic modelling using IDL® - Triassic and Cenozoic applications. *Palaeontologia Electronica* 7(2), Art.6A, 22 p.

Costeur L., Legendre S. & Escarguel G. (2004). European large mammals palaeobiogeography and biodiversity during the Neogene. Palaeogeographic and climatic impacts. *Revue de Paléobiologie* vol. spéc. n° 9: 99-109.

CONGRESSES

2016

Mennecart B., Rios Ibanez M., Rössner G.E. & **Costeur L.** (2016). Phylogeny and origin of Giraffidae based on characters of the bony labyrinth. Palaeontological Association Annual Meeting, Lyon, France, December 14-17 (*Talk*)

Aiglstorfer M., **Costeur L.**, Heizmann E.P.J. & Mayda S. (2016). Micromeryx, a Eurasian taxon. RCMNS, Izmir, Turkey, September 15-19. (*Poster*)

Costeur L. & Mennecart B. (2016). The ear before birth: morphology, ossification timing, and allometry. 14th Swiss Geoscience Meeting, Geneva, November 18-19 (*Talk*)

Becker D., Tissier J., **Costeur L.**, Antoine P.-O. (2016). Mid-Oligocene Rhinocerotidae from Bumbach (Switzerland). 14th Swiss Geoscience Meeting, Geneva, November 18-19 (*Talk*)

Tissier J., Becker D., Codrea V., **Costeur L.**, Fărcaș C., Solomon A., Venczel M. & Maridet O. (2016). New material of amynodontids (Mammalia, Perissodactyla) from Romania. 14th Swiss Geoscience Meeting, Geneva, November 18-19 (*Talk*)

Mennecart B. & **Costeur L.** (2016). How does bony labyrinth morphology help resolve the phylogeny and diversification timing of deer? 14th Swiss Geoscience Meeting, Geneva, November 18-19 (*Poster*)

Martini P., Geraads D., Le Tensorer J.M., **Costeur L.** (2016). Cranial morphology of recent and Pleistocene camels. 14th Swiss Geoscience Meeting, Geneva, November 18-19 (*Talk*)

- Costeur L.**, Mennecart B., Schulz G. & Müller B. (2016). Hard x-ray computed tomography of ruminant fetuses. Developments in X-Ray Tomography X, SPIE, San Diego, USA, August 29-31. (Poster)
- Costeur L.** & Mennecart B. (2016). 3D geometric morphometrics and cladistic analysis of the tragulid bony labyrinth: morphological variability and implications for ruminant phylogeny. International Congress of Vertebrate Morphology 16, June 28th-July 3rd. (Talk)
- Mennecart B., **Costeur L.**, Bibi F., Métais G., Rössner G.E., DeMiguel D., Schulz G., Müller B. (2016). The bony labyrinth morphology helps to recalibrate the Cervidae tree. International Congress of Vertebrate Morphology 16, June 28th-July 3rd. (Poster)
- Schweizer A., **Costeur L.**, Lebrun R., Wilson LAB, Schmelzle T., Sánchez-Villagra M. (2016). Comparative anatomy of the osseous inner ear of dog breeds, dingoes and wolves: A study of intraspecific variation and domestication. 90th Annual Meeting of the German Society of Mammalogy, Berlin, Germany, September 4th-8th.
- Rössner G.E., **Costeur L.** & Scheyer T. (2016). What is a deer and what is an antler. 90th Annual Meeting of the German Society of Mammalogy, Berlin, Germany, September 4th-8th
- Rössner G.E., **Costeur L.** & Scheyer T. (2016). What is a deer and what is an antler. EAVP, Harlem (NL), July 4-8 (Talk)
- Rössner G.E., **Costeur L.** & Scheyer T. (2016). Auf der Spur von Hirsch und Geweih: Morphologie, Physiologie und Taxonomie. Arbeitskreis Wirbeltierpaläontologie. (Talk)
- Rössner G.E., **Costeur L.** & Scheyer T. (2016). What is a deer and what is an antler. 17th Annual Meeting of the Gesellschaft für Biologische Systematik, München, Februar 21-24 (Talk)
- Khimchenko A., Schulz G., Hieber S., Hänggi A., Hasan S., Bikis C., **Costeur L.** & Müller B. (2016). Hard X-ray imaging to reveal the three-dimensional microstructure of soft and hard tissues. SPIE smart structures/NDE 2016, Las Vegas, March 20-24 (Talk)

2015

- Costeur L.** Mennecart B., Schmutz S, & Métais G. (2015). *Palaeomeryx* (Mammalia, Artiodactyla) and the giraffes, data from the ear region. 13th Swiss Geoscience Meeting, Basel, November 20-21 (Talk)
- Martini P., **Costeur L.**, Schmid P., Jagher R. & Le Tensorer J.-M. (2015). The diversity of Pleistocene Camelidae in El Kowm, Syria: craniodental remains. 13th Swiss Geoscience Meeting, Basel, November 20-21 (Talk)
- Mennecart B. & **Costeur L.** (2015). A new approach to determine the phylogenetic relevance of the bony labyrinth: the case of the cervid lineage. 13th Swiss Geoscience Meeting, Basel, November 20-21 (Talk)
- Rössner G.E., **Costeur L.** & ., Scheyer T. (2015). Evolutionary evaluation of fundamental processes in the antler cycle as revealed by internal bone structure. SVPCA 2015, Southampton, August-Sept. 29-4 (Talk)
- Costeur L.** (2015). Une nouvelle collection de mammifères actuels au Musée d'Histoire Naturelle de Bâle. Réunion annuelle de l'Association Paléontologique Française, Basel, May 6-9 (Poster)
- Costeur L.** & Mennecart B. (2015). Apport des données de la région auditive à la phylogénie des ruminants. Réunion annuelle de l'Association Paléontologique Française, Basel, May 6-9 (Talk)

2014

- Aiglstorfer M., **Costeur L.**, Sánchez I.M. & Heizmann E.P.J. (2014). *Micromeryx flourensianus* : review of a Miocene European Moschidae "surviving" for 5 million years. SVP 74th Annual Meeting, Berlin, November 5-8 (Poster)

- Costeur L.**, Mennecart B. & Métais G. (2014). Large scale micro-CT based reconstructions of the inner ears of living and fossil ruminants give new insights into Pecora phylogeny. SVP 74th Annual Meeting, Berlin, November 5-8 (*Talk*)
- Costeur L.**, Mennecart B., Azanza B. & Rössner G. (2014). Inner ear in early deer. 12th Swiss Geoscience Meeting, Fribourg, November 22th (*Talk*).
- Costeur L.**, Mennecart B. & Métais G. (2014). L'oreille interne et le pétreux de *Dremotherium* (Mammalia, Ruminantia), implications phylogénétiques. Réunion annuelle de l'Association Paléontologique Française, Paris, May 14-17 (*Talk*)
- Minwer-Barakat R., **Costeur L.**, Marigó J. & Moyá-Solá S. (2014). New remains of Microchoerinae (Omomyidae, Primates) from the Late Eocene site of Sossís (Northeastern Spain) found in the collections of the Naturhistorisches Museum Basel. SVP 74th Annual Meeting, Berlin, November 5-8 (*Poster*).
- Martini P., **Costeur L.**, Le Tensorer J.-M. & Schmid P. (2014). Pleistocene camelids from the Syrian Desert: the diversity in El Kowm. XVII World UISPP Congress, Burgos, September 1-7 (*talk*)
- Costeur L.**, Schulz G. & Müller B. (2014). High-resolution X-ray computer tomography to understand ruminant phylogeny. SPIE Optics + Photonics 2014, San Diego, August 17-21 (*Poster*).
- Kotzakis T., **Costeur L.**, Del Favero L., Fornasiero M., Ghezzi E., Maiorino L., Mietto P., Piras P., Rook L., Sansalone G. & Pandolfi L. (2014). Reassessing the ?Early Oligocene vertebrate assemblage of Monteviale (Vicenza, Italy). 12th Meeting of the European Association of Vertebrate Palaeontologists, Torino, June 24-28 (*Talk*).
- Maridet O., **Costeur L.**, Schwartz C., Furio M., Van Glabbeek F. & v.d. Hoek Ostende L. (2014). Comparison of the bony labyrinths of some extant and fossil hedgehogs (Erinaceomorpha, Mammalia): evolutionary and paleoecological implications. 12th Swiss Geoscience Meeting, Fribourg, November 22th (*Talk*).
- Martini P., **Costeur L.**, Le Tensorer J.-M. & Jagher R. (2014). The Pleistocene camelids from El Kowm, Syria : a cranium from the site of Nadaouiyeh Aïn Askar. 12th Meeting of the European Association of Vertebrate Palaeontologists, Torino, June 24-28 (*Talk*).
- Minwer-Barakat R., Marigó J., **Costeur L.** & Engesser B. (2014). New primate material of from the Middle Eocene Swiss site Verrerie de Roches. 12th Swiss Geoscience Meeting, Fribourg, November 22th (*Poster*).
- Rössner G.E., Azanza B., Jost J. & **Costeur L.** (2014). New evidence of early cervids and phylogenetic implications. SVP 74th Annual Meeting, Berlin, November 5-8 (*Talk*).
- Seiffert, E.R., Boyer D.M., **Costeur L.** & Puente J. (2014). Tarsal morphology of *Caenopithecus*, a large adapiform primate from the middle Eocene of Switzerland. American Association of Physical Anthropologists Annual Meeting, Calgary, April 8-12 (*Poster*).

2013

- Maridet O., **Costeur L.**, Schwarz C., Furió M., van Glabbeek F.M. & Hoek Ostende L.W. (2013). Micro-CT scan -based reconstructions of the inner ear in fossil and extant hedgehogs and gymnures (Erinaceomorpha, Mammalia): phylogenetic implications and perspectives. Palaeontological Association Annual Meeting, Zurich, December 13-16 (*Poster*).
- Costeur L.** (2013). The ruminant inner ear: evolutionary perspectives. 11th Swiss Geoscience Meeting, Lausanne, November 16 (*Talk*).
- Costeur L.** (2013). The petrosal bone and inner ear of *Micromeryx* (Moschidae, Miocene). *Zitteliana* Series B 31: 22. International Conference on Ruminant Phylogenetics, Munich, September 2-6 (*Talk*).
- Martini P., **Costeur L.**, Le Tensorer J.-M. & Schmid P. (2013). The evolution of Pleistocene camelids from El Kowm, Syria. 11th Swiss Geoscience Meeting, Lausanne, November 16 (*Talk*)

Martini P., **Costeur L.**, Le Tensorer J.-M. & Schmid P. (2013). The giant Pleistocene camel from El Kowm, Syria. 11th Meeting of the European Association of Vertebrate Palaeontologists, Villers-sur-Mer, June 11-15 (*Talk*)

Costeur L., Bapst L., Hiard F. & Becker D. (2013). Ungulate diets through the Cenozoic of Europe inferred from dental mesowear: report on the first steps of the analysis, 11th Meeting of the European Association of Vertebrate Palaeontologists, Villers-sur-Mer, June 11-15 (*Talk*)

Costeur L. (2013). Fossile Wirbeltiere im Scanner: berührungsfreie Methoden um Innenräumen von wertvollen Museumsobjekten zu rekonstruieren. Internationale Tagung Verband Deutscher Präparatoren, Basel, April 9-13, 2013 (*talk*)

2012

Mary Y., **Costeur L.** & Knappertsbusch M. (2012). Micro-dissection reveals inner structure and ontogenetic growth of Pliocene menardellids (planktonic foraminifera). Swiss Geoscience Meeting, Bern, November 16-17, 2012. (*talk*)

Orliac M.J., **Costeur L.** & Berthet D. (2012). Endocranial and inner ear functional morphology of *Tapirulus* (Cetartiodactyla, Mammalia). 4th Georges Cuvier Symposium, Montbéliard, October 8-12, 2012. (*talk*)

Costeur L., Montuire S. & Maridet O. (2012). Palaeoecology of the Tortonian Locality Dorn-Dürkheim (Rheinhessen, Germany). Working Group Meeting at Eppelsheim and Dorn-Dürkheim, June 8-11, 2012 (*talk*)

Costeur L. & Aigstorfer M. (2012). Micromeryx remains from Dorn-Dürkheim (Rheinhessen, Germany). Working Group Meeting at Eppelsheim and Dorn-Dürkheim, June 8-11, 2012. (*talk*)

De Pietri V. & **Costeur L.** (2012). The fossil bird collection of the Natural History Museum Basel. Society of Avian Paleontology and Evolution – 8th International Meeting, Vienna 11-16 June 2012. (*Poster*).

2011

Costeur L., & Berthet, D. (2011). A new skull of *Tapirulus* from the Late Eocene of France. 22nd International Senckenberg Conference, Frankfurt, November 15-19, 2011 (*Poster*).

Costeur L., & Schneider M. (2011). Eocene mammals at the Natural History Museum Basel: focus on reference levels and type material. 22nd International Senckenberg Conference, Frankfurt, November 15-19, 2011 (*Poster*).

Costeur L., & Berthet, D. (2011). A new skull of *Tapirulus* from the Late Eocene of France. Swiss Geoscience Meeting, Zurich, November 11-12, 2011 (*Poster*)

Costeur L., Domenici P., Ezquerro R., Rousseau M., Antognarelli F., Satta A., Simeone S., Pérez-Lorente F. (2011). A Cretaceous fish takes a fast-start: insights from a recent analogue. Swiss Geoscience Meeting, Zurich, November 11-12, 2011 (*Poster*)

Costeur L. & Heizmann E.P.J. (2011). L'amitié franco-allemande et les ruminants du miocène inférieur. Congrès APF 2011, Elbeuf May 18-21, 2011 (*Talk*).

Costeur L. & Heizmann E.P.J. (2011). Pathologies et morphologies dentaires particulières chez les ruminants du Miocène inférieur de France et d'Allemagne. Congrès APF 2011, Elbeuf May 18-21, 2011 (*Poster*).

Costeur L., Ezquerro R., Rousseau M. & Pérez-Lorente F. (2011) Les traces sub-aquatiques de vertébrés du Crétacé inférieur de La Rioja (bassin de Cameros, Espagne): état des lieux. Congrès APF 2011, Elbeuf May 18-21, 2011 (*Poster*).

Geiger M., Wilson L.A.B., **Costeur L.**, Scheyer T., Aguilera O.A., Sánchez-Villagra M.R. (2011). Giant rodents from the northern Neotropics - taxonomic, phylogenetic and developmental

aspects of their evolution within the caviomorph radiation. Swiss Geoscience Meeting, Zurich, November 11-12, 2011 (*Talk*)

Geiger M., Wilson L.A.B., **Costeur L.**, Scheyer T., Aguilera O.A., Sánchez-Villagra M.R. (2011). Giant rodents from the northern Neotropics - taxonomic, phylogenetic and developmental aspects of their evolution within the caviomorph radiation. 9th Meeting of the European Association of Vertebrate Palaeontologists, Heraklion, Juni 14-19, 2011 (*Talk*)

2010

Costeur, L., Balme, C., Legal, S. & Maridet, O. (2010). New fossil sites with mammal footprints in the Oligocene of south-eastern France. 9th European Geoparks Conference, Lesvos October 1-5, 2010 (*Poster*).

Costeur, L., Balme, C., Legal, S. & Maridet, O. (2010). New fossil sites with mammal footprints in the Oligocene of south-eastern France. 8th Meeting of the European Association of Vertebrate Palaeontologists, Aix-en-Provence, Juni 7-12, 2010 (*Poster*).

Costeur, L. & Meyer, Ch. (2010). A new palaeontological Journal. 8th Meeting of the European Association of Vertebrate Palaeontologists, Aix-en-Provence, Juni 7-12, 2010 (*Poster*).

Costeur, L., Schneider, M. & Thüring, S. (2010). The extant mammal osteological collection of the Natural History Museum Basel. 8th Meeting of the European Association of Vertebrate Palaeontologists, Aix-en-Provence, Juni 7-12, 2010 (*Poster*).

Mennecart, B. & **Costeur, L.** (2010). First description of the skull of Amphimoschus (Mammalia, ??Bovoidea??) and taxonomy of the genus. 8th Meeting of the European Association of Vertebrate Palaeontologists, Aix-en-Provence, Juni 7-12, 2010 (*talk*).

Meyer, Ch., Thüring, B., Marty, D., **Costeur, L.** & Thüring S. (2010). Tracking early Dinosaurs – New discoveries from the Upper Austroalpine Nappes of Eastern Switzerland (Hauptdolomites, Norian). 8th Meeting of the European Association of Vertebrate Palaeontologists, Aix-en-Provence, Juni 7-12, 2010 (*talk*).

2009

Ezquerro R. & **Costeur L.** (2009). Fish predatory or escape behaviour recorded in an Early Cretaceous trail from La Rioja, Spain. 7th Meeting of the European Association of Vertebrate Palaeontologists, Berlin, July 20-24, 2009 (*Poster*).

Meyer C.A., Thüring, B., **Costeur L.** & Thüring, S. (2009). The early rise of sauropods – Evidence from the Late Triassic of the Eastern Alps. 7th Meeting of the European Association of Vertebrate Palaeontologists, Berlin, July 20-24, 2009. (*Talk*)

2008

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