

Bibliography of Yves Candela

Peer reviewed

- Candela, Y. & Mottequin, B. *In press*. Middle and Upper Ordovician linguliformean and craniiformean brachiopods from the Brabant Massif, Belgium: infaunal giants, encrusting forms and durophagy. *Geobios, IGCP735 Special Volume*.
- Candela, Y. & Sendino, C. *In press*. New machaeridian data from the Upper Ordovician of Scotland: palaeoecological and global palaeobiogeographical implications. *Geobios, IGCP735 Special Volume* <https://doi.org/10.1016/j.geobios.2022.10.006>
- Chen, D., Huang, B. & **Candela, Y.** 2023. Evolutionary trends in trimerellid brachiopods. *Palaeogeography, Palaeoclimatology, Palaeoecology* **617**: 111472, <https://doi.org/10.1016/j.palaeo.2023.111472>
- Chen, D., Huang, B. & **Candela, Y.** 2023. Revision of the Llandovery (lower Silurian) trimerellid brachiopod *Yidurella* in South China. *Palaeoworld* <https://doi.org/10.1016/j.palwor.2023.01.001>
- Saleh, F., Vaucher, R., Vidal, M., El Hariri, K., Laibl, L., Daley, A.C., Gutiérrez-Marco, J.C., **Candela, Y.**, Harper, D.A.T., Ortega-Hernández, J., Ma, X., Rida, A., Vizcaíno, D. & Lefebvre, B. 2022. New fossil assemblages from the Early Ordovician Fezouata Biota. *Scientific Reports* **12**, 20773. <https://doi.org/10.1038/s41598-022-25000-z>
- Candela, Y.** & Mottequin, B. 2022. Tremadocian and Floian (Ordovician) linguliformean brachiopods from the Stavelot–Venn Massif (Avalonia; Belgium, Germany). *Geologica Belgica*, **25** (1-2): 1–15. <https://doi.org/10.20341/gb.2021.007>
- Thompson, J.R., Cotton, L.J., **Candela, Y.**, Kutscher, M., Reich, M. & Bottjer, D.J. 2021. The Ordovician diversification of sea urchins: systematics of the Bothriocidaroida (Echinodermata: Echinoidea). *Journal of Systematic Palaeontology* **19** (20): 1395–1448. <https://doi.org/10.1080/14772019.2022.2042408>
- Candela, Y.**, Marion, J-M., Servais, T., Wang, W., Wolvers, M. & Mottequin, B. 2021. New linguliformean brachiopods from the lower Tremadocian (Ordovician) of the Brabant Massif, Belgium, with comments on contemporaneous faunas from the Stavelot-Venn Massif. *Rivista Italiana di Paleontologia e Stratigrafia*, **127** (2): 383–395. <https://doi.org/10.13130/2039-4942/15793>
- Candela, Y.** & Crighton, W.R.B. 2019. Synoptic revision of the Silurian fauna from the Pentland Hills described by Lamont (1978). *Palaeontologia Electronica*. <https://doi.org/10.26879/868>
- J.P. Botting, **Candela, Y.**, Carrió, V. & Crighton, W.R.B. 2019. A new hexactinellid sponge from the Silurian of the Pentland Hills (Scotland) with similarities to extant rossellids. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*. <https://doi.org/10.1017/S1755691019000045>

- Saleh, F., **Candela, Y.**, Harper, D.A.T., Polechová, M., Lefebvre, B. & Pittet, B. 2018. Storm-induced community dynamics in the Fezouata Biota (Lower Ordovician, Morocco). *Palaios* **33** (12): 535–541. <https://doi.org/10.2110/palo.2018.055>
- Candela, Y.** & Crighton, W.R.B. 2017. Addenda to the record of machaeridian shell plates in the Wether Law Linn Formation (Late Llandovery), Pentland Hills, Scotland. *Scottish Journal of Geology* **53** (1): 35–39. <https://doi.org/10.1144/sjg2016-006>
- Candela, Y.**, Harper, D.A.T. & Crighton, W.R.B. 2017. Notes on the brachiopods from the Silurian of the Pentland Hills described by Lamont (1978). *Scottish Journal of Geology* **53** (1): 29–33. <https://doi.org/10.1144/sjg2016-003>
- Candela, Y.** & Crighton, W.R.B. 2015. Revision of *Plumulites ruskini* Lamont, and new data from the Silurian of the Pentland Hills, Scotland. *Scottish Journal of Geology* **51**: 31–42. <https://doi.org/10.1144/sjg2014-053>
- Candela, Y.** 2015. Evolution of Laurentian brachiopod faunas during the Ordovician Phanerozoic Sea level maximum. *Earth-Science Reviews* **141**: 27–44.
- Candela, Y.** & Harper, D.A.T. 2014. Synoptic revision of the Ordovician brachiopods of the Barr and Lower Ardmillan groups of the Girvan area, Scotland. *Earth and Environmental Transactions of the Royal Society of Edinburgh* **105**: 61-69. <https://doi.org/10.1017/S1755691014000140>
- Candela, Y.**, Cherns, L. & Troalen, L. 2014. First record of a polyplacophoran from the Southern Uplands of Scotland. *Scottish Journal of Geology*, 50(1), 87-91.
- Harper, D.A.T., Rasmussen, C.M.O., Liljeroth, M., Blodgett, R.B., **Candela, Y.**, Jin, J., Percival, I.G., Rong, J-y, Villas, E. & Zhan, R-b. 2013. Biodiversity, biogeography and phylogeography of Ordovician rhynchonelliform brachiopods. In Harper, D. A. T. & Servais, T. (eds), *Early Palaeozoic Biogeography and Palaeogeography*. Geological Society, London, Memoirs, **38**: 127–144.
- Candela, Y.** 2013. Comments on the proposed conservation of the specific name of *Anathyris monstrum* Khalfin, 1933 (currently *Anathyrella monstrum*; Brachiopoda, Athyridida). *Bulletin of Zoological Nomenclature* **70** (4): 254.
- Candela, Y.** 2011. A systematic revision of the Ordovician plectambonitoidea brachiopods *Chonetoidea* and *Sericoidea*. *Journal of Systematic Palaeontology* **9** (4): 499-522.
- Candela, Y.** 2011. Phylogenetic relationships of leptellinid brachiopods. *Alcheringa* **35**: 413-426.
- Candela, Y.** and Hansen, T. 2010. Brachiopod associations from the Middle Ordovician of the Oslo Region, Norway. *Palaeontology* **53** (4): 833-867.
- Candela, Y.** and Harper, D. A. T. 2010. Late Ordovician (Katian) brachiopods from the Southern Uplands of Scotland: Biogeographic patterns on the edge of Laurentia.

Earth and Environmental Science Transactions of the Royal Society of Edinburgh
100: 253-274.

- Candela, Y.** 2006. Statistical comparisons of late Caradoc (Ordovician) brachiopod faunas around the Iapetus Ocean, and terranes located around Australia, Kazakhstan and China. *Geodiversitas* **28** (3): 433-446.
- Candela, Y.** 2006. Late Ordovician brachiopod faunas from Pomeroy, Northern Ireland: a palaeoenvironmental synthesis. *Transactions of the Royal Society of Edinburgh* **96**: 317-325.
- Candela, Y.** 2003. Late Ordovician brachiopods from the Bardahessiagh Formation of Pomeroy, Ireland. *Monograph of the Palaeontographical Society*, London: 95 pages, 12 plates. (Publ. No. 618, part of Vol. 156 for 2002).
- Candela, Y.** 2002. Constraints on the age of the Bardahessiagh Formation, Pomeroy, Co. Tyrone. *Scottish Journal of Geology* **38** (2): 65-67.
- Candela, Y.** 2001. Palaeoecological interpretation of the Bardahessiagh Formation (middle Caradoc), Pomeroy, Co. Tyrone, N. Ireland. In: *Brunton, H.; Cocks, L.R.M. & Long, S. (eds), Brachiopods: past and present, Systematic Association Special Volumes Series 63*, Chapter 30, 285-295, Taylor & Francis, London.
- Candela, Y.** 1999. A new genus of xenambonitid brachiopod from the Caradoc of Pomeroy, Co. Tyrone. *Irish Journal of Earth Sciences* **17**: 91-101.

Conference contributions.

- Candela, Y., Harper, D.A.T. & Mergl, M.** 2022. Lower Ordovician brachiopods from the Fezouata Shale, Anti-Atlas, Morocco: initial results, identity and origin. of the fauna. 2nd annual meeting of the IGCP 735 (19-20 October), Marrakesh, Morocco, abstracts, 22.
- Candela, Y.** 2022. Preserving the Scottish palaeontological heritage does not mean stop collecting: the Scottish Fossil Code. 3ème Edition de la Journée Nationale du Patrimoine Géologique du Maroc (22 Octobre), Zagora, Morocco, abstracts, 18.
- Candela, Y., Marion, J-M., Servais, T., Wang, W., Wolvers, M. & Mottequin, B.** 2021. First occurrence of linguliformean brachiopods in the lower Tremadocian (Ordovician) of the Brabant Massif (Belgium). 7th International Geologica Belgica Meeting 2021, 15-17 September 2021 AfricaMuseum Tervuren (Belgium), Abstract Book, 178–179.
- Candela, Y., Gutiérrez-Marco, J.C. & Sá, A.A.** 2019. New data on the 'giant' obolid fauna (Brachiopoda) from the Armorican Quartzite facies (Lower Ordovician) of the Iberian Peninsula. In *Obut, O.T., Sennikov, N.V. & Kipriyanova, T.P. (eds), 13th International Symposium on the Ordovician System: Contributions of International Symposium, Novosibirsk, Russia (July 19-22, 2019)*. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk National Research State University. Novosibirsk, Publishing House of SB RAS, 27–29.

- Candela, Y.**, Harper, D.A.T. & Mergl, M. 2018. Early Ordovician (late Tremadocian – early Floian) brachiopods from the Fezouata Shale, Anti-Atlas, SE Morocco. In Angiolini, L. & Posenato, R. (eds), 8th International Brachiopod Congress. Brachiopods in a changing planet: from the past to the future. Milan Italy, 2018. *Permophiles, newsletter of the subcommission on Permian Stratigraphy*, Number 66, supplement 1, 38.
- Thompson, J. R., Cotton, L. J., **Candela, Y.**, Bottjer, D & Reich, M. 2018. The Ordovician Diversification of the Bothriocidaroida (Echinodermata, Echinoidea). GSA Annual Meeting in Indianapolis, Indiana, USA, 2018. Abstract with program Vol. 50, No. 6, No. 88-10.
- Saleh, F., **Candela, Y.**, Lefebvre, B. & Pittet, B. 2017. Selective taphonomic processes in the Fezouata Konservat-Lagerstätte (Lower Ordovician, Morocco): storm influence on the brachiopod record. *2017 International Workshop on Konservat-Lagerstätten*, Cork, abstracts; and; *Palaeontological Association Annual Meeting*, Lyon, abstracts.
- Candela, Y.** and Harper, D.A.T. 2016. The brachiopod fauna of the Fezouata Shale (Lower Ordovician) of Morocco: preliminary results. *Palaeontological Association Annual Meeting*, Lyon, abstracts.
- Candela, Y.** 2012. Machaeridians from the Early Silurian of the Pentland Hills, Scotland: new data and revision of *Plumulites ruskini* Lamont. *Palaeontological Association Annual Meeting*, Dublin, abstracts.
- Candela, Y.** and Botting, J.P. 2011. A unique new Silurian sponge (?Dictyospongioidea) from the Pentland Hills, Scotland. *Palaeontological Association Annual Meeting*, Plymouth, abstracts.
- Candela, Y.** 2009. Diductor workout: Modelling, brachiopods and trigonometry. *Palaeontological Association Annual Meeting*, Birmingham, abstracts.
- Poulter, J., Francis, J., Wilson M. and **Candela, Y.** 2009. "Fossil floras of the British Tertiary Volcanic Province: Deciphering floral diversity and climate." *Palaeontological Association Annual Meeting*, Abstracts, Birmingham.
- Candela, Y.** and Harper, D. A. T. 2008. Late Ordovician (Katian) brachiopods from the Southern Uplands of Scotland: Biogeographic patterns on the edge of Laurentia. IGCP Project 503 "Development of early Palaeozoic biodiversity: role of biotic and abiotic factors, and event correlation", abstracts, Moscow, Russia
- Candela, Y.** and Hansen, T. 2007. Middle Ordovician brachiopod associations from the Oslo Region, Norway. *Palaeontological Association Annual Meeting*, Uppsala, abstracts.
- Candela, Y.** 2006. Late Ordovician brachiopod biofacies from Pomeroy, Northern Ireland. IGCP 503 Annual Meeting "Changing palaeogeographical and palaeobiogeographical patterns in the Ordovician and Silurian", Abstracts, University of Glasgow.

- Candela, Y.** 2000. Palaeoecological interpretation of the Bardahessiagh Formation (middle Caradoc), Pomeroy, Co. Tyrone, N. Ireland. Millenium Brachiopod Congress, London, 10-14 July 2000, abstract.
- Candela, Y.** 1998. Comparisons of the late Ordovician Scoto-Appalachian brachiopod fauna along the Laurentian margin: an Irish perspective. 41st Annual Irish Geological Research Meeting, National University of Ireland, Galway, Abstracts, 11.
- Candela, Y., Harper, D. A. T. & Jeram, A.** 1997. A Mid Ordovician brachiopod biofacies from Pomeroy: tectonic controls on palaeocommunity development. 40th Annual Irish Geological Research Meeting, Queen's University, Belfast, Abstracts, 7.

Miscellaneous publications.

- Candela, Y.** 2012. Book review: "Curiosités géologiques de la presqu'île de Crozon". *Palaeontological Association Newsletter* **79**: 95-97.
- Candela, Y.** 2012. Natural Sciences collaborates with the University of Edinburgh. *Exchange* 152, December/January issue, p. 11.
- Candela, Y.** 2012. Rockin' in the Pentlands. *Exchange* 155, June/July issue, p. 11.
- Candela, Y.** 2012. Meeting report: Lyell meeting 2011. *Palaeontological Association Newsletter* **79**: 53-55.
- Candela, Y.** and Davidson, P. 2011. La place de la géologie à la réouverture du National Museum of Scotland, Edimbourg. *Journal de l'Association Paléontologique Française*, Décembre 2011: 10-13.
- Candela, Y.** and Davidson, P. 2011. New geology exhibits in the redeveloped National Museum of Scotland. *The Edinburgh Geologist* **50**: 8-14.
- Candela, Y.** & Jackson, B. 2010. Natural Sciences go north for the Royal Museum Project. *Exchange* 141, July issue, p. 7.
- Candela, Y.** 2009. Fossil display at Sacred Heart Primary School. *Exchange* 134, December issue, p. 4.
- Candela, Y.** 2009. Fossil Roadshow. *Exchange* 132, October issue, p. 6.
- Candela, Y.** 2008. Nouvelles des musées: Royal Museum d'Édimbourg. *Bulletin de liaison du Groupe Français du Paléozoïque* **10**: 27-28.
- Candela, Y.** 2007. Royal Museum d'Edimbourg. *Bulletin de liaison du Groupe Français du Paléozoïque* **9**: 38.
- Miller, S., Howard, S., Mitchell, D.; **Candela, Y.** & Ruckley, N. 2007. *The Geological Analysis of Recumbent Stones Circles of North East Scotland*. Report on behalf of

the Royal Commission on the Ancient and Historical Monuments of Scotland,
RCAHMS project number 251, volumes 1-3, 489 pages.

Candela, Y. 2007. Book review: "Brachiopods from the Upper Ardmillan Succession (Ordovician) of the Girvan District, Scotland David Harper (2006). Monograph of the Palaeontographical Society, London, (Publ. No. 624, part of Vol. 159) 129–187, pls 23-33 ISSN 02693445 (paperback)". *Palaeontological Association Newsletter* **66**: 75-76.