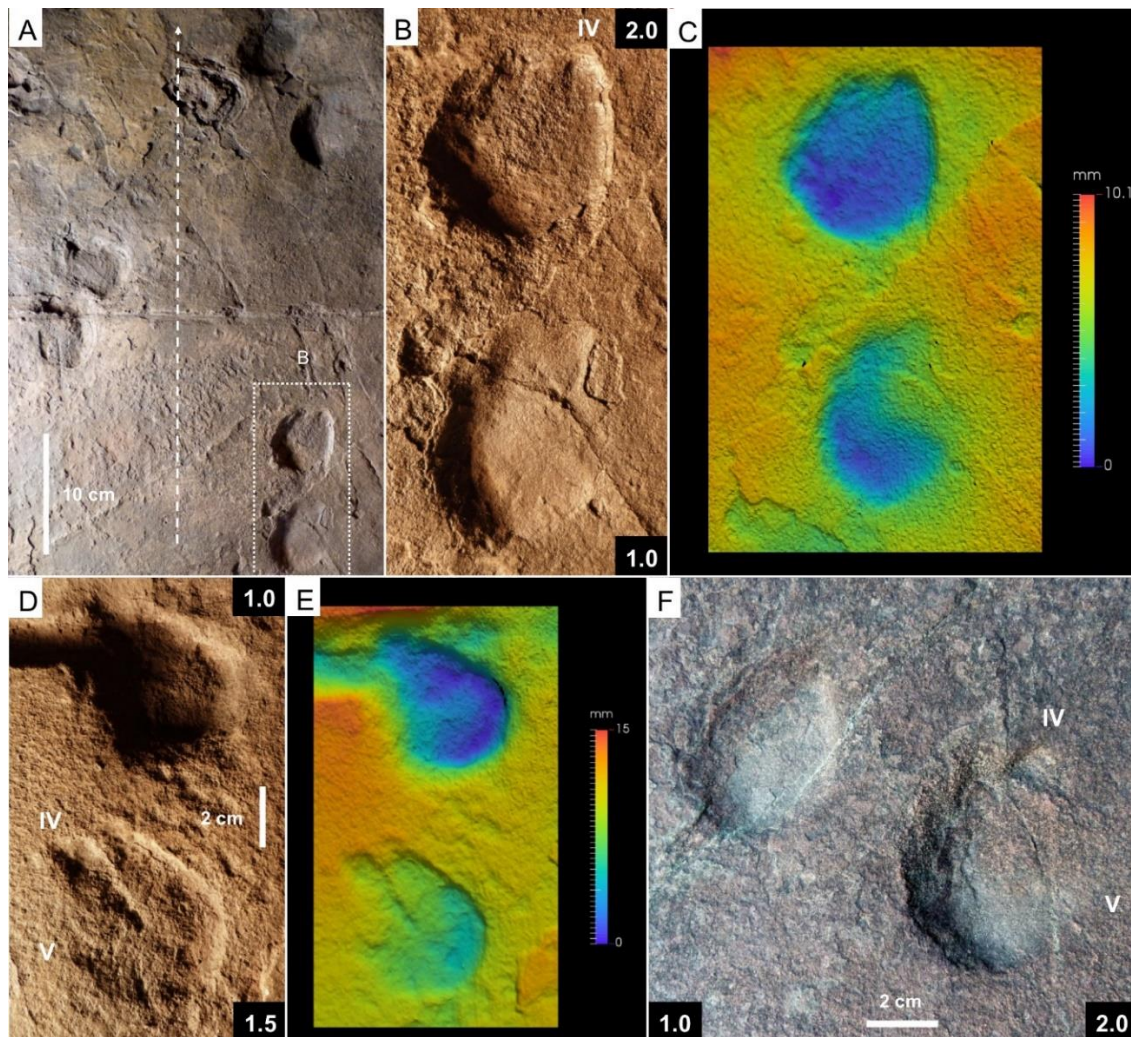


Age	Ichnotaxon	State	Unit	Depositional environment	References
Lopingian	<i>Pachypes dolomiticus</i>	Italy	Arenaria di Val Gardena	marginal marine floodplain	Leonardi et al., 1975; Conti et al., 1977; Valentini et al., 2009; Marchetti et al., 2019a
Lopingian	<i>Pachypes loxodactylus</i>	Scotland	Cornockle	aeolian dune	McKeever and Haubold, 1996; Marchetti et al., 2019b
Lopingian	<i>Pachypes loxodactylus</i>	Scotland	Locharbriggs	aeolian dune	Dudgeon, 1878; McKeever and Haubold, 1996; Marchetti et al., 2019b
Lopingian	<i>Pachypes</i> isp.	Russia	Vyatkian horizon	continental floodplain	Surkov et al., 2007; Valentini et al., 2009
Lopingian	<i>Pachypes 'primus'</i>	Russia	Poldarsa	continental floodplain	Gubin et al., 2003; Valentini et al., 2009
Lopingian	cf. <i>Pachypes</i> isp.	Germany	Cornberg	aeolian dune	Schmidt, 1959; Marchetti et al., 2019b
Guadalupian/Lopingian	<i>Pachypes</i> isp.	Morocco	T2 of Argana Basin	continental floodplain	Voigt et al., 2010
Guadalupian/Lopingian	<i>Pachypes</i> isp.	Niger	Moradi	continental floodplain	Smith et al., 2015
Guadalupian/Lopingian	aff. <i>Pachypes</i> isp.	Germany	Mammendorf horizon	continental floodplain	Buchwitz et al., 2017
Guadalupian/Lopingian	<i>Pachypes?</i> isp.	Spain	Upper Red Unit	ephemeral lacustrine/playa-lake	Mujal et al., 2017
Guadalupian	<i>Pachypes ollieri</i>	France	Le Muy	continental floodplain	Demathieu et al., 1992; this work
Guadalupian	cf. <i>Pachypes</i> isp.	France	Pradineaux	continental floodplain	Gand et al., 1995; this work
Guadalupian	<i>Pachypes ollieri</i>	France	La Lieude	continental floodplain	Ellenberger, 1983a, 1983b; Gand et al., 2000; this work
Cisuralian	<i>Pachypes ollieri</i>	France	Rabejac	continental floodplain	this work
Cisuralian	<i>Pachypes ollieri</i>	Spain	Peranera (Lower Red Unit)	continental floodplain, meandering fluvial	Mujal et al., 2016; this work
Cisuralian	<i>Pachypes ollieri</i>	Texas, USA	San Angelo	continental floodplain	Lucas and Hunt, 2005; this work
Cisuralian	<i>Pachypes ollieri</i>	Arizona, USA	Hermit	continental floodplain	Marchetti et al., 2020; this work

Suppl. Table 1. *Pachypes* occurrences.



Suppl. Fig. 1. cf. *Pachypes* isp. Guadalupian, Pradineaux Formation, southern France. MASR 13, plaster cast of FS-SR 7. A, trackway section. B, enlargement of A, right pes-manus couple. C, false-colour depth map of B. D, left pes-manus couple. E, false-colour depth map of D. F, right pes-manus couple of the holotype of '*Lunaepes fragilis*', FS-SR 7. Roman numerals indicate the digit imprint number. Values in the black boxes refer to the preservation scale.

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