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SUPPLEMENTARY ONLINE MATERIAL FOR

Fossil Cenozoic crassatelline bivalves from Peru: new species and generic insights

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Supplementary Online Material

Locality-Samples. Complete locality data

Bxxxx = Burke Museum locality numbers. DV = DeVries. JM = José Macharé O. (Instituto Geofísico del Perú). dep. seq. = depositional sequence.

DV 241-2, northern Peru, 4 km SE of Los Organos, a mesa SW Quebrada Carillos. Talara tablazo, middle Pleistocene. See DeVries (1986).

DV 243-1, northern Peru, about 1.5 km NE of Cerro El Nuro. Six meters up in section. Taime fm., upper Pliocene. See DeVries (1986).

DV 244-2, northern Peru, about 5 km S of El Alto, southernmost branch of Quebrada Taime, cliff face and dissected hills above cliffs. Upper siltstone unit. Taime fm., upper Pliocene. See DeVries (1986).

DV 245-2, northern Peru, Punta Organos Chico, 1 km SW of Los Organos, seaward edge of terrace. Lobitos tablazo, upper Pleistocene. See DeVries (1986).

DV 328-3, northern Peru, about 2 km W of Cerro El Nuro, cliff faces. Taime fm., upper Pliocene. See DeVries (1986).

B8304, DV 377-2, 14°45'45"S, 75°30'27"W. SW wall of Quebrada Gramonal, resistant sandstone horizon, Chilcatay dep. seq., lower Miocene.

B8305, DV 377-3, 14°45'45"S, 75°30'27"W. SW wall of Quebrada Gramonal, bottom and foreset beds, Chilcatay dep. seq., lower Miocene.

B8306, DV 386-1, 14°58'19"S, 75°19'49"W. 10 m above basement, West Gulch of Quebrada Huaricangana, Chilcatay dep. seq., lower Miocene.

B8307, DV 390-1, 14°09'50"S, 76°04'35"W. *Discinisca* bed level with basement knolls, base of Cerro La Virgen, Pisco dep. seq., middle Miocene.

B8308, DV 396-1, 14°11'42"S, 76°06'57"W. Mid-formational orange sandstone, lower bed, Chilcatay dep. seq., Burdigalian.

B8309, DV 396-13, 14°11'20"S, 76°06'23"W. Mid-formational orange sandstone, Chilcatay dep. seq., Burdigalian.

B8310, DV 397-1, 14°11'15"S, 76°05'35"W. E of Carhuas-Comotrana road, massive sandstone 20 m above unconformity. Lower Pisco dep. seq., Langhian.

B8311, DV 409-1, 13°54'08"S, 76°11'09"W. Ten km SE of Paracas, NNE of Cerro Santa Cruz, E of major north-striking fault. Chilcatay dep. seq., Aquitanian-Burdigalian.

B8312, DV 411-1, 13°53'51"S, 76°09'22"W. El Monte basin, blocky hard yellow sandstone, Pisco dep. seq., Langhian-Serravallian.

B8313, DV 420-1, 13°57'48"S, 76°07'18"W. Filudo Depression, yellow-orange sandstone, Pisco dep. seq., Langhian.

B8314, DV 441-12, 14°11'31"S, 76°06'56"W. Lower Chilcatay Hills, coarse black sandstone, Chilcatay dep. seq., Burdigalian.

B8315, DV 468a-1, 15°17'58"S, 75°08'26"W. San Juan-Nazca road, basin at 300 m elevation above sea level, Chilcatay dep. seq., Burdigalian.

B8316, DV 482-8, 14°30'41"S, 75°40'00"W, shell beds in saddle between Cerros La Bruja and La Brujita, lower Pisco dep. seq. Langhian.

B8317, DV 482-12, 14°30'41"S, 75°40'00"W. Cerro La Bruja, 183 m in section. Pisco dep. seq., Messinian.

B8318, DV 509-1, 14°39'50"S, 75°37'56"W. 12 km S of Yesera de Amara, concretionary unit, lower Paracas dep. seq., Lutetian.

B8319, DV 523-1, 14°48'02"S, 75°23'02"W. Cerro Terrestrial, shell beds on upper slopes overlooking the Rio Grande, Pisco dep. seq., Messinian.

B8320, DV 523-2, 14°48'02"S, 75°23'02"W. Cerro Terrestrial, shell beds on mid-slope overlooking the Rio Grande, Pisco dep. seq., Tortonian.

B8321, DV 542a-13, 14°35'31"S, 75°40'15"W. Measured section up Yesera de Amara starting at unconformity in valley, 112.7 m in section, Pisco dep. seq., Serravallian.

B8322, DV 544-1, 14°39'48"S, 75°37'57"W. 12 km S of Yesera de Amara, sandstones and coquinas, lower Paracas dep. seq., Lutetian.

B8323, DV 562-3, 15°29'13"S, 74°48'16"W. Aguada de Lomas, carbonate ledge with bivalves, Pisco dep. seq., Tortonian to Messinian.

B8324, DV 574-2, 14°45'13"S, 75°30'39"W. Quebrada Gramonal, top sets of deltaic sequence, E wall, Chilcatay dep. seq., Burdigalian.

B8325, DV 574-3, 14°45'13"S, 75°30'39"W. Quebrada Gramonal, alternating sandstone and coquina, Chilcatay dep. seq., Burdigalian.

B8326, DV 575-3, 14°45'54"S, 75°30'53"W. Quebrada Gramonal, S wall, confluence with Rio Ica, 20-m lens with mollusks, Chilcatay dep. seq., Chattian-Aquitania.

B8327, DV 578-1, 14°46'28"S, 75°30'43"W. Double-knobbed hill N of Fundo Santa Rosa, coarse-grained sandstone on faulted block jutting into path of Rio Ica, lower Paracas dep. seq., Lutetian.

B8328, DV 598-1, 14°45'46"S, 75°30'58"W. SW corner of Quebrada Gramonal, low in canyon near confluence with Río Ica. Chilcatay dep. seq., Chattian-Aquitania.

B8329, DV 631-6, 14°09'48"S, 76°09'03"W. NW of Lomas Chilcatay, pebbly conglomerate resting on unconformity, basal Otuma dep. seq., Priabonian.

B8330, DV 632-3, 14°11'21"S, 76°08'22"W. N side Lomas Chilcatay, bedding plane of oysters and barnacles, Chilcatay dep. seq., Aquitania.

B8331, DV 1174-1, 14°08'37"S, 76°10'16"W. SE floor of valley SE of Cerro Canastones, lower Paracas dep. seq., Lutetian.

B8332, DV 1272-1, 16°42'09"S, 72°26'57"W. Road between Camaná and Quilca, basement contact with Camaná fm., Chattian.

B8333, DV 1320-1, 14°25'59"S, 75°49'19"W. Pampa Colorado near road to El Peñon, Chilcatay dep. seq., Chattian-Aquitania.

B8334, DV 1650-1, 14°23'24"S, 75°53'52"W. In valley to SSW of Cerro Colorado, Otuma dep. seq., Priabonian-Rupelian.

B8335, DV 1655-4, 14°50'26"S, 75°27'38"W. W of Sula campsite, E of El Laberinto, Pisco dep. seq., Langhian.

B8336, DV 1732-1, 14°34'38"S, 75°51'37"W. Upper Quebrada Perdida, SE side, basal beds, lower Paracas dep. seq., Lutetian.

B8337, DV 1805-1, 14°35'33"S, 75°40'18"W. Coarse-grained sandstone deltaic deposit, N side Yesera de Amara, upper Chilcatay dep. seq., Burdigalian.

B8338, DV 1809-1, 14°35'44"S, 75°41'33"W. SW of Yesera de Amara, knoll on W side of road, Pisco dep. seq., Serravallian.

B8339, DV 1816-1, 14°11'45"S, 76°08'40"W. Inland from Carhuas, lowest valley before climb to Lomas Chilcatay, lower Paracas dep. seq., Lutetian.

B8340, DV 2023-1, 14°38'33"S, 75°47'31"W. NE slopes as entering La Herba from Yesera de Amara, lower Paracas dep. seq., Lutetian.

B8341, DV 2040-1, 13°55'40"S, 76°16'00"W. In coarse-grained sandstone at contact of Otuma and Paracas Formations, lowermost Otuma dep. seq., Priabonian.

B8342, DV 2255-1, 14°24'34"S, 75°53'49"W. W side of Gran Tablazo de Ica, Otuma dep. seq., Priabonian-Rupelian.

B8343, DV 3004-1, 14°34'36"S, 75°39'55"W. NW corner of Cerro Submarino complex of yardangs, above contact of Pisco and Chilcatay dep. seq., Langhian.

B8344, DV 3022-1, 14°24'57"S, 75°55'13"W. Road to the mine overlooking Bajada del Diablo, 2 km before mine, Otuma dep. seq., Priabonian.

B8345, DV 3039-1, 14°33'03"S, 75°43'45"W. Gran Tablazo de Ica, Pisco dep. seq., Langhian.

B8346, DV 3078-1, 14°38'33"S, 75°49'03"W. Near crossing of roads to Lomitas and Media Luna, lower Paracas dep. seq., Lutetian.

B8347, DV 3080-2, 14°40'43"S, 75°50'04"W. S side of mountains forming pass to Punta Lomitas, lower Paracas dep. seq., Lutetian.

B8348, DV 3096-1, 14°38'06"S, 75°47'30"W. W hillside above Lomitas-Media Luna crossroads, lower Paracas dep. seq., Lutetian.

B8349, DV 4042-1, 14°23'02"S, 75°54'00"W. S of Cerros Colorados, Otuma dep. seq., Priabonian to Rupelian.

B8350, DV 4088-1, 14°25'59"S, 75°49'20"W. Along Camino del Burro, massive indurated sandstone with *Incatella*. Pisco dep. seq., Langhian.

B8351, DV 5041-1, 14°50'20"S, 75°27'59"W. W Sula section, E of El Laberinto, Pisco dep. seq., Langhian-Serravallian.

B8352, DV 5092-1, 14°22'40"S, 75°54'50"W. Pampa SW of Cerros Colorados, Otuma dep. seq., Priabonian to Rupelian.

B8353, DV 5115-1, 14°22'21"S, 75°54'24"W. Pampa SW of Cerros Colorados, Otuma dep. seq., Priabonian to Rupelian.

B8354, JM 83 018-1, 14°51'30"S, 75°21'30"W. Palpa quadrangle, Chilcatay dep. seq., Aquitanian.

B8355, JM 83 020b-1, 14°52'30"S, 75°24'00"W. Cerro Terrestal, Pisco dep. seq., Tortonian to Messinian.

B8356, JM 84 323-1, 14°35'30"S, 75°41'00"W. Lomitas quadrangle, Pisco dep. seq., Langhian.