Appendix I.

Magyarhoni Földtani Társulat
Földtani Közlöny
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A diverse Miocene fish assemblage (Chondrichthyes and Osteichthyes) from the Pécs-Danitzpuszta sand pit (Mecsek Mts, Hungary)

Szabó, Márton[1, 2], Kocsis, László[3], Bosnakoff, Mariann[4], Sebe, Krisztina[1]

[1]University of Pécs, Department of Geology and Meteorology, 7624 Pécs, Ifjúság útja 6., Hungary;
szabo.marton.pisces@gmail.com, sebe@gamma.ttk.pte.hu
[2]Hungarian Natural History Museum, Department of Paleontology and Geology, 1083 Budapest, Ludovika tér 2., Hungary
[3]Universiti Brunei Darussalam (UBD), Geology Group, Faculty of Science, Brunei; laszlokocsis@hotmail.com, laszlo.kocsis@ubd.edu.bn
[4]Vík í Mýrdal, Iceland; bosnakoff@yahoo.com

	University of Pécs (PTE)	József Attila City Library and Museum Collection (JACLMC)	Hungarian Natural History Museum (NHMUS)	Mining and Geological Survery of Hungary (MGSH)	Eötvös Loránd University, Paleontological collection	Janus Pannonius Museum (Pécs)	Sövér L. collection	Kenizsai L. collection	Csergák F. collection	Bécsi L. collection	Kocsis L. collection	Orbán-Fehér Z. collection	Németh T. collection	Király J. collection	Anderson A. collection	Freisinger Á. coll.	Krisán F. collection
Fish material from the limnoitic sands																	
Notorynchus primigenius	6 teeth (PTE_5000, PTE_5001, PTE_5002, PTE_5003, PTE_5004, PTE_5005)	1 tooth (2007.317.1.)					1 tooth	4 teeth	2 teeth	2 teeth					1 tooth		
Squatina sp.			1 tooth (VER 2020.178.)					1 tooth									
Odontaspididae indet.	827 teeth (PTE_5019, PTE_5020, PTE_5021, PTE_5022, PTE_5023, PTE_5024, PTE_5025, PTE_5026, PTE_5027, PTE_5028, PTE_5036, PTE_5037, PTE_5038, PTE_5039, PTE_5040)	178 teeth (2015.10.01., 2008.549.1., 2008.498.1., 2008.498.2., 2007.399.1-12., 2007.277.1., 2006.249.77-86., 2008.498.3., 2006.102.276.-285., 2006.129.838.-846., 2006.129.852.-863., 2006.236.474.-479., 2006.57.1.-4., 2006.155.3.-13., 2006.98.68.-83., 2006.86.2., 2006.217.148.-154., 2006.55.3.-4., 2015.20.13.)	49 teeth (VER 2020.177., VER 2020.191.-193., VER 2020.221., VER 2020.224., VER 2020.227., VER 2020.235., VER 2020.236., VER 2020.250., VER 2020.253., VER 2020.259., VER 2020.260., VER 2020.268.)					434 teeth	8 teeth							4 teeth	
Cosmopolitodus hastalis	51 teeth (PTE_5050, PTE_5051, PTE_5052, PTE_5053, PTE_5054, PTE_5055, PTE_5056, PTE_5057, PTE_5058)	10 teeth (2015.10.01., 2008.498.1., 2008.498.2., 2006.129.849.-851., 2006.236.472., 2006.50.94., 2006.50.74.)	8 teeth (VER 2020.184., VER 2020.255., VER 2020.258.)				3 teeth	82 teeth	16 teeth								
Isurus oxyrinchus		1 tooth (2008.549.1.)	2 teeth (VER 2020.185.)					10 teeth									
Lamnidae indet.	1 tooth (PTE_5035)	2 teeth (2007.277.1., 2008.549.1.)	4 teeth (VER 2020.183.)														
Otodus (*Megaselachus*) *megalodon*	13 teeth (PTE_5014, PTE_5015, PTE_5016)	7 teeth (2006.129.434.-435., 2006.129.835, 2006.179.434.-435., 2006.166.12., T/2009/394)				12 teeth (without inventory numbers)	2 teeth	12 teeth	10 teeth	4 teeth	1 tooth	2 teeth	3 teeth	5 teeth	1 tooth		
Alopias exigua										1 tooth					1 tooth		
Anatoshia retroflexus	5 teeth (PTE_5059, PTE_5060, PTE_5061, PTE_5062)							17 teeth	5 teeth								
Hemipristis serra	29 teeth (PTE_5041, PTE_5042, PTE_5043, PTE_5044, PTE_5045, PTE_5046, PTE_5047, PTE_5048, PTE_5049)	7 teeth (2015.10.01., 2008.498.3., 2006.102.275., 2006.155.1., 2006.217.145.-146.)					1 tooth	52 teeth	12 teeth								
Carcharhinus priscus	68 teeth (PTE_5029, PTE_5030, PTE_5031, PTE_5032, PTE_5033, PTE_5034)	13 teeth (2008.549.1., 2008.498.1., 2007.277.1., 2006.129.837., 2006.155.2., 2006.98.65.-67., 2006.86.1., 2006.217.147.)	8 teeth (VER 2020.181., VER 2020.256., VER 2020.257., VER 2020.268.)					38 teeth	2 teeth							1 tooth	
Galeocerdo aduncus	95 teeth (PTE_5006, PTE_5007, PTE_5008, PTE_5009, PTE_5010, PTE_5011, PTE_5012, PTE_5013, PTE_5137)	11 teeth (2008.549.1., 2008.498.2., 2006.249.76., 2008.498.3., 2006.129.836., 2006.129.847.-848., 2006.236.473., 2006.98.63.-64.)	4 teeth (VER 2020.252., VER 2020.264.)					41 teeth	12 teeth								
Sphyrna laevissima	5 teeth (PTE_5017, PTE_5018)									1 tooth							
Dasyatidae indet.			1 tooth (VER 2020.209.)														
†Dasyatidae indet.			1 tooth (VER 2020.210.)														
Aetobatus arcuatus	29 teeth (PTE_5063, PTE_5064, PTE_5065, PTE_5066, PTE_5067)	2 teeth (2008.499.1.)	6 teeth (VER 2020.146., VER 2020.188., VER 2020.200.)		2 teeth			4 teeth	7 teeth								
Aetomylaeus sp.		6 teeth (2007.328.1., 2008.537.1-2., 2006.236.464.-466.)	1 tooth (VER 2020.186.)		1 tooth			8 teeth	1 tooth								
Myliobatis sp.	211 teeth (PTE_5069, PTE_5070, PTE_5071, PTE_5072, PTE_5073, PTE_5074, PTE_5075, PTE_5076, PTE_5077, PTE_5132), 1 partial tooth plate (PTE_5068)	28 teeth (2008.499.1., 2006.254.383.-385., 2007.328.1, 2008.537.3-8., 2007.278.1., 2006.70.17., 2006.129.880., 2006.102.219.-224., 2006.86.3.)	8 teeth (VER 2020.182., VER 2020.189., VER 2020.251., VER 2020.266.)		1 partial tooth plate			44 teeth	1 tooth, 1 partial tooth plate								
Myliobatidae indet.		41 teeth (2008.499.1., 2006.254.377.-382., 2007.328.1., 2007.278.1., 2006.217.155.-157., 2006.236.467.-471., 2006.102.217.-218.)	11 teeth (VER 2020.190., VER 2020.266.)					25 teeth									
Rhinoptera cf. *schultzi*		1 tooth (2006.102.216.)			2 teeth			2 teeth	1 tooth								
Myliobatiformes indet.	8 tail spines (PTE_5078, PTE_5079, PTE_5080, PTE_5081)	2 tail spines (2008.536.1-2.,	1 tail spine (VER 2020.199.)					2 tail spines	9 tail spines								
Chondrichthyes indet.								2 vertebrae	19 vertebrae, 1 cartilage	1 vertebra							
Acipenseridae indet.	1 dermal scute (PTE_dddd), 1 pectoral fin spine (PTE_5135)		1 dermal scute (VER 2020.212.)					1 skull element									2 dermal scutes
Carangidae indet.			1 dentary (VER 2020.158.)					1 dentary									
Sphyraena sp.	1 tooth (PTE_5083)																
cf. *Thunnus* sp.		1 premaxilla (2006.185.49.)	1 dentary (VER 2020.161.), 1 vertebra (VER 2020.174.)	17 dentaries (drawer 113/5), 1 vertebra (drawer 113/5)				1 vertebra									
Scombridae indet.	1 premaxillary (PTE_5094), 44 dentaries (PTE_5095, PTE_5096, PTE_5097, PTE_5098, PTE_5129, PTE_5142, PTE_5145)	19 dentaries (2007.272.1., 2007.330.5., 2006.70.21., 2008.554.1., 2006.98.141-144., 2008.560.1., 2015.9.51., 2006.185.45., 2015.20.8., 2015.6.81.)	13 dentaries (VER 2020.159., VER 2020.160., VER 2020.164., VER 2020.194., VER 2020.213., VER 2020.238., VER 2020.239., VER 2020.265.)	25 dentaries (drawer 113/5)				57 dentaries									
Labrodon sp.	1 pharyngeal tooth plate (PTE_5082)		1 tooth (VER 2020.277.)					1 pharyngeal tooth plate									
Trigonodon jugleri									1 tooth								
Coilotomus sp.									1 pharyngeal tooth plate								
Lates sp.	4 dentaries (PTE_5099, PTE_5100, PTE_5101, PTE_5102), 80 upper or lower jaw elements (PTE_5107), 4 quadrates (PTE_5108, PTE_5109, PTE_5110, PTE_5111), 80 fin spines (PTE_5112, PTE_5113, PTE_5114, PTE_5115, PTE_5138), 1 vertebra (PTE_5130)	7 quadrates (2007.330.5., 2015.9.103., 2006.175.330., 2006.102.194., 2006.90.4., 2006.145.113., 2006.188.28.), 13 dentaries (2007.330.5., 2015.9.121., 2006.166.60., 2006.254.424., 2006.102.118., 2006.102.115., 2006.188.22., 2006.154.64., 2006.188.76., 2006.175.368.), 8 angulo-articulars (2015.9.123., 2015.15.55., 2015.9.120., 2015.9.84., 2006.151.81., 2006.90.59., 2006.185.32., 2015.19.44.), 7 parasphenoids (2015.9.27., 2015.9.75., 2015.9.41., 2015.19.75., 2006.129.111., 2015.9.19., 2006.129.239.), 3 maxillae (2006.185.20., 2015.20.11., 2006.145.114.), 1 vomer (2006.156.74.), 143 vertebrae (2007.330.5., 2007.314.1., 2007.314.1., 2015.9.39., 2006.175.111., 2006.175.14., 2006.156.54., 2006.156.20., 2006.183.19., 2006.145.133., 2006.175.90., 2006.145.128., 2006.145.126., 2006.156.21., 2006.156.71., 2006.175.78., 2006.175.232., 2006.145.110., 2006.129.243., 2006.175.109., 2006.129.245., 2006.176.19., 2006.175.15., 2006.128.29.-38., 2006.101.58., 2006.175.54., 2006.236.65., 2006.175.3., 2006.101.68., 2006.138.15., 2006.129.336., 2006.101.78., 2006.185.94., 2006.175.17., 2006.101.64., 2006.101.65., 2006.50.87., 2006.123.342., 2006.175.20., 2006.185.58., 2006.104.214., 2006.175.86., 2006.101.77., 2006.101.68., 2006.129.390., 2006.129.393., 2006.99.82., 2006.102.6., 2006.175.32., 2006.175.82., 2006.185.135., 2006.129.357., 2006.90.45., 2006.129.339., 2006.129.335., 2006.166.56., 2006.236.168., 2006.188.50., 2006.175.97., 2006.236.56., 2006.175.246., 2006.101.75., 2006.154.69., 2006.99.48., 2006.138.76., 2006.123.340., 2006.129.330., 2006.236.54., 2006.236.31., 2006.131.7., 2006.227.8., 2006.166.62., 2006.123.350., 2006.188.72., 2006.129.349., 2006.154.75., 2006.175.152., 2006.175.165., 2006.138.89., 2006.185.134., 2006.154.67., 2006.145.42., 2006.175.162., 2006.129.356., 2006.129.348., 2006.138.16., 2006.191.101., 2006.151.48., 2006.236.42., 2006.175.161., 2006.236.25., 2006.101.67., 2006.166.678., 2006.151.15., 2006.145.56., 2006.101.79., 2006.129.382., 2006.44.27., 2006.138.18., 2006.129.355., 2006.129.351., 2006.129.354., 2016.19.35., 2006.138.39., 2006.129.352., 2006.99.86., 2006.129.338., 2006.99.26., 2006.101.74., 2006.175.28., 2006.175.89., 2006.175.68., 2015.19.60., 2006.101.47., 2006.191.10., 2006.129.353., 2006.151.17., 2006.166.33., 2006.236.74., 2006.145.64., 2006.138.17., 2006.138.14., 2006.45.2., 2015.19.11., 2006.119.343., 2006.191.15., 2006.236.45., 2006.175.373.), 2 fin spines (2006.55.1.-2.)	8 parasphenoids (VER 2020.145., VER 2020.248.), 7 vertebrae (VER 2020.147.-149., VER 2020.175., VER 2020.249., VER 2020.262.), 8 quadrates (VER 2020.150., VER 2020.244.), 6 vomers (VER 2020.151., VER 2020.246.), 5 dentaries (VER 2020.152., VER 2020.247.), 2 angulo-articulars (VER 2020.153.), 3 basioccipitals (VER 2020.154.), 4 maxillary (VER 2020.162., VER 2020.245.), 2 premaxillaries (VER 2020.165., VER 2020.166.), 3 fin spines (VER 2020.197.)	102 dentaries (drawer 113/5), 57 premaxillae (drawer 113/5), 32 quadrates (drawer 113/5), 42 parasphenoids (drawer 113/5), 3 vomers (drawer 113/5), 23 angulo-articulars (drawer 113/5), 625 vertebrae (drawers 113/5 and 113/9), 29 fin spines (drawer 113/5), 11 baciocciptals (drawer 113/9)				312 dentaries, 188 premaxillae, 1 vomer			1 dentary, 1 angulo-articular					
Sciaenidae indet.	4 premaxillae (PTE_503, PTE_504, PTE_505, PTE_506)		3 premaxillaries (VER 2020.155., VER 2020.163.)	54 premaxillae (drawer 113/5), 35 dentaries (drawer 113/5)													
Diplodus sp.			27 teeth (VER 2020.211., VER 2020.279., VER 2020.290., VER 2020.291.)														
Pagrus cinctus	1 dentary (PTE_5090)			2 incomplete premaxillae (drawer 113/5)			1 premaxilla	3 premaxillae									
Sparus umbonatus	8828 crushing teeth (PTE_5084, PTE_5085, PTE_5121, PTE_5122, PTE_5123, PTE_5124, PTE_5125, PTE_5126, PTE_5127, PTE_5134, PTE_5141, PTE_5144, PTE_5147), 3 premaxillae (PTE_5087, PTE_5088, PTE_5089), 3 upper or lower jaw elements (PTE_5091)	4524 crushing teeth (2015.10.01., 2008.560.1., 2006.128.877., 2008.544.1., 2006.86.4.-15., 2007.271.-1., 2006.54.1.-155., 2006.254.1.-372., 2008.434.1., 2007.336.1., 2008.508.1., 2006.98.214.-819., 2008.559.1., 2008.496.1., 2008.485.1., 2006.236.191.-463., 2006.129.436.-834., 2006.186.1.-529., 2006.45.61., 2006.50.30.), 3 upper or lower jaw elements (2007.314.1., 2006.138.7.)	591 crushing teeth (VER 2020.169., VER 2020.187., VER 2020.231., VER 2020.234., VER 2020.272.-275., VER 2020.281., VER 2020.283.-289.), 1 premaxillary (VER 2020.171.), 1 dentary (VER 2020.172.), 1 upper or lower jaw element (VER 2020.243.)	2505 crushing teeth (drawer 113/5), 8 upper or lower jaw elements (drawer 113/5)	6 crushing teeth			26 premaxillae								1 tooth	
Sparidae indet.	90 tooth (PTE_5086, PTE_5119, PTE_5120, PTE_5131)		468 teeth (VER 2020.180., VER 2020.196., VER 2020.271., VER 2020.276., VER 2020.278., VER 2020.280., VER 2020.282.)					11 teeth, 1 jaw element in coprolite									
Tetraodontiformes indet.	1 tooth plate (PTE_5093)		1 tooth plate (VER 2020.176.)				1 tooth plate								1 tooth plate		
Actinopterygii indet.	12 indeterminate bone elements (PTE_5092, PTE_5117, PTE_5118, PTE_5128, PTE_5139, PTE_5140, PTE_5143, PTE_PTE_5146), 1 fin spine element (PTE_5136)	5 indeterminate bone elements (2006.50.28., 2006.254.423., 2006.175.171., 2006.185.50., 2015.18.41.)	2 hyperostotic ribs (VER 2020.170.), 1 skull element (VER 2020.157.), 1 gill arch element (VER 2020.156.), 11 vertebrae (VER 2020.167., VER 2020.168., VER 2020.173., VER 2020.261.), 18 fin spines (VER 2020.198., VER 2020.270.), 13 indeterminate bone elements (VER 2020.292.	29 hyperostotic ribs (drawer 113/5), 34 hyperostotic vertebrae (drawer 113/5), 208 fin spines (drawer 113/5)				1 dentary, 1 *?angulo-articular*									