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Aristotle's scientific contributions to the classification, nomenclature and distribution of marine organisms

VOULTSIADOU ELENI Aristotle University of
Thessaloniki, School of
Biology, Department of
Zoology

GEROVASILEIOU VASILIS
VANDEPITTE LEEN
GANIAS KOSTAS
ARVANITIDIS CHRISTOS
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Supplementary Data

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ELENI VOULTSIADOU, VASILIS GEROVASILEIOU, LEEN VANDEPITTE, KOSTAS GANIAS and CHRISTOS ARVANITIDIS
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Table S1. Aristotle's classification ranks of marine animals and identified current taxa. Identification was mostly based on previous publications, i.e. Voultsiadou and Vafidis (2007), Voultsiadou *et al.* (2010) and Ganiias *et al.* (2017).

Rank 4	Rank 3	Rank 2	Rank 1	Identified as
Anhaima	Spongoi		spongos acheilios/σπόγγος Αχιλλείου	<i>Spongia (Spongia) lamella</i> (Schulze, 1879)
Anhaima	Spongoi		spongos aplysias/σπόγγος ἀπλυσίας	<i>Sarcotragus foetidus</i> Schmidt, 1862
Anhaima	Spongoi		spongos manos/σπόγγος μανός	<i>Hippospongia communis</i> (Lamarck, 1814)
Anhaima	Spongoi		spongos ryknos/σπόγγος πυκνός	<i>Spongia (Spongia) officinalis</i> Linnaeus, 1759
Anhaima	Spongoi		spongos tragos/σπόγγος τράγος	<i>Spongia (Spongia) zimocca</i> Schmidt, 1862
Anhaima	Acalyphes		acalyphē edodimos/ακαλύφη ἐδόδιμος	<i>Anemonia viridis</i> (Forsskål, 1775)
Anhaima	Acalyphes		acalyphē sklērē/ακαλύφη σκληρή	<i>Actinia equina</i> (Linnaeus, 1758)
Anhaima			aspis/ασπίς	<i>Antedon mediterranea</i> (Lamarck, 1816)
Anhaima			dokias/δοκίας	Holothuriidae sp.
Anhaima			oistros ton thynnon/οἷστρος τῶν θύννων	<i>Caligus</i> sp.
Anhaima			phtheir thalattia/φθεῖρ θαλαττία	Cymothoidae sp.
Anhaima			psyllos thalattios/ψύλλος θαλάττιος	Amphipoda sp.
Anhaima			holothourion/ὀλοθοῦριον	<i>Alcyonium palmatum</i> Pallas, 1766
Anhaima			rneumōn/πνεύμων	<i>Pelagia noctiluca</i> (Forsskål, 1775)
Anhaima			aidoion andros/αἰδοῖον ἀνδρός	<i>Bonellia viridis</i> Rolando, 1822
Anhaima			scolopendra thalassia/σκολοπένδρα θαλαττία	<i>Hermodice carunculata</i> (Pallas, 1766)
Anhaima	Malakia	Polypodes	eledonē/ἐλεδόνη	<i>Eledone moschata</i> (Lamarck, 1798)
Anhaima	Malakia	Polypodes	nautilus/ναυτίλος	<i>Argonauta argo</i> Linnaeus, 1758
Anhaima	Malakia	Polypodes	polypodōn megiston genos/πολυπόδων μέγιστον γένος	<i>Octopus vulgaris</i> Cuvier, 1797
Anhaima	Malakia	Polypodes	polyrous en ostrakō/πολύπους ἐν ὀστράκῳ	<i>Nautilus</i> sp.1
Anhaima	Malakia	Sēpia	sēpia/σηπία	<i>Sepia officinalis</i> Linnaeus, 1758
Anhaima	Malakia	Teuthis	teuthis/τευθίς	<i>Loligo vulgaris</i> Lamarck, 1798
Anhaima	Malakia	Teuthos	teuthos/τεῦθος	<i>Todarodes sagittatus</i> (Lamarck, 1798)
Anhaima	Malakostraka	Karaboeidē	arktos/ἄρκτος	<i>Scyllarus arctus</i> (Linnaeus, 1758)
Anhaima	Malakostraka	Karaboeidē	astakos/ἄστακος	<i>Homarus gammarus</i> (Linnaeus, 1758)
Anhaima	Malakostraka	karaboeidē	karabos/κάραβος	<i>Palinurus elephas</i> (Fabricius, 1787)
Anhaima	Malakostraka	Karides	karidion/καρίδιον	<i>Pontonia pinnophylax</i> (Otto, 1821)
Anhaima	Malakostraka	Karides	krangōn/κραγγών	<i>Squilla mantis</i> (Linnaeus, 1758)
Anhaima	Malakostraka	Karides	karides kyphai/καρίδες κυφαί	Penaeidae sp.
Anhaima	Malakostraka	Karides	mikron genos/μικρόν γένος	Natantia sp.
Anhaima	Malakostraka	Karides	pinnophylax spongōn/πιννοφύλαξ σπόγγων	Alpheidae sp.
Anhaima	Malakostraka	Karkinia	karkinion/καρκίνιον	Paguridae sp.
Anhaima	Malakostraka	Karkinia	kyllaros/κύλλαρος	Diogenidae sp.
Anhaima	Malakostraka	Karkinoi	heracleōtikos/Ἡρακλεωτικός	<i>Calappa granulata</i> (Linnaeus, 1758)
Anhaima	Malakostraka	Karkinoi	hippos/ἵππος	<i>Ocyropsis cursor</i> (Linnaeus, 1758)
Anhaima	Malakostraka	Karkinoi	karkinos mikros/καρκίνος μικρός	<i>Liocarcinus depurator</i> (Linnaeus, 1758)
Anhaima	Malakostraka	Karkinoi	karkinos rotamios/καρκίνος ποτάμιος	<i>Potamon fluviatile</i> (Herbst, 1785)
Anhaima	Malakostraka	Karkinoi	maia/μαῖα	<i>Maja squinado</i> (Herbst, 1788)
Anhaima	Malakostraka	Karkinoi	mikron genos omoion astakois/μικρόν γένος ὁμοίων ἄστακοῖς	Galatheididae sp.
Anhaima	Malakostraka	Karkinoi	pagouros/πάγουρος	<i>Eriphia verrucosa</i> (Forsskål, 1775)
Anhaima	Malakostraka	Karkinoi	pinnophylax/πιννοφύλαξ	<i>Pinnotheres pisum</i> (Linnaeus, 1767)
Anhaima	Ostracoderma	Asteres	astēr/ἄστηρ	Astropectinidae sp.
Anhaima	Ostracoderma	Dithyra	balanos/βάλανος	<i>Pholas dactylus</i> Linnaeus, 1758
Anhaima	Ostracoderma	Dithyra	chēmē tracheia/χήμε τραχεία	Veneridae sp.
Anhaima	Ostracoderma	Dithyra	conchē/κόγχη	Bivalvia sp.2
Anhaima	Ostracoderma	Dithyra	conchos arhabdōtos/κόγχος ἀρράβδωτος	Bivalvia sp.1
Anhaima	Ostracoderma	Dithyra	conchos rhabdōtos/κόγχος ραβδωτός	Cardiidae sp.
Anhaima	Ostracoderma	Dithyra	galax 1/γάλαξ 1	Donacidae sp.
Anhaima	Ostracoderma	Dithyra	galax 2/γάλαξ 2	Macrtridae sp.
Anhaima	Ostracoderma	Dithyra	kteis/κτεῖς	Pectinidae sp.

(continued)

Table S1 (continued)

Rank 4	Rank 3	Rank 2	Rank 1	Identified as
Anhaima	Ostracoderma	Dithyra	limnostreon/λιμνόστρεον	<i>Ostrea edulis</i> Linnaeus, 1758
Anhaima	Ostracoderma	Dithyra	mys/μυς	<i>Mytilus galloprovincialis</i> Lamarck, 1819
Anhaima	Ostracoderma	Dithyra	pinna/πίννα	<i>Pinna nobilis</i> Linnaeus, 1758
Anhaima	Ostracoderma	Dithyra	sōlēn/σωλήν	Solenidae sp.
Anhaima	Ostracoderma	Echinoi	bryssos/βρύσσοι	Echinoidea sp.1
Anhaima	Ostracoderma	Echinoi	echinomētra/έχινομήτρα	<i>Sphaerechinus granularis</i> (Lamarck, 1816)
Anhaima	Ostracoderma	Echinoi	echinōn genos mikron/έχινων γένος μικρόν	<i>Cidaris cidaris</i> (Linnaeus, 1758)
Anhaima	Ostracoderma	Echinoi	echinos lefkos/έχινος λευκός	<i>Brissus unicolor</i> (Leske, 1778)
Anhaima	Ostracoderma	Echinoi	spatangēs/σπατάγγης	Echinoidea sp.2
Anhaima	Ostracoderma	Echinoi	esthiomenon genos/έσθιόμενον γένος	<i>Paracentrotus lividus</i> (Lamarck, 1816)
Anhaima	Ostracoderma	Monothyra	lepas/λεπάς	<i>Patella caerulea</i> Linnaeus, 1758
Anhaima	Ostracoderma	Monothyra	lepas agria/λεπάς άγρία	<i>Haliotis tuberculata</i> Linnaeus, 1758
Anhaima	Ostracoderma	Strombode	haimorrhōis/άιμορροίς	Gastropoda sp.
Anhaima	Ostracoderma	Strombode	kēryx/κήρυξ	<i>Charonia variegata</i> (Lamarck, 1816)
Anhaima	Ostracoderma	Strombode	nēreitēs/νηρείτης	<i>Phorcus turbinatus</i> (Born, 1778)
Anhaima	Ostracoderma	Strombode	porphyra 1/πορφύρα 1	Muricidae sp.1
Anhaima	Ostracoderma	Strombode	porphyra 2/πορφύρα 2	Muricidae sp.2
Anhaima	Ostracoderma	Strombode	porphyra 3/πορφύρα 3	Muricidae sp.3
Anhaima	Ostracoderma	Strombode	strombos/στρόμβος	<i>Cerithium vulgatum</i> Bruguière, 1792
Anhaima	Ostracoderma	Tethya	tēthyon/τήθυσον	<i>Microcosmus sabatieri</i> Roule, 1885
Enhaima	Ichthytes	Lepidotoi	amia/άμια	Scombridae sp.
Enhaima	Ichthytes	Lepidotoi	anthias/άνθιας	<i>Anthias anthias</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	atherinē/άθερίνη	<i>Atherina hepsetus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	balagros/βάλαγγρος	Actinopterygii sp.1
Enhaima	Ichthytes	Lepidotoi	baleros/βάλερος	Actinopterygii sp.10
Enhaima	Ichthytes	Lepidotoi	batrachos/βάτραχος	<i>Lophius</i> spp.
Enhaima	Ichthytes	Lepidotoi	belonē/βελόνη	<i>Syngnathus acus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	boax/βόαξ	Actinopterygii sp.14
Enhaima	Ichthytes	Lepidotoi	chalkeus/χαλκεύς	<i>Zeus faber</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	chalkis/χαλκίς	Clupeiformes sp.1
Enhaima	Ichthytes	Lepidotoi	chanē/χάννη	<i>Serranus</i> sp.1
Enhaima	Ichthytes	Lepidotoi	chelidōn/χελιδών	<i>Hirundichthys rondeletii</i> (Valenciennes, 1847)
Enhaima	Ichthytes	Lepidotoi	chremps/χρέμψ	Sciaenidae sp.2
Enhaima	Ichthytes	Lepidotoi	chromis/χρόμις	Sciaenidae sp.3
Enhaima	Ichthytes	Lepidotoi	chrysophrys/χρύσοφρυς	<i>Sparus aurata</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	daskilos/δάσκιλος	<i>Mullus surmuletus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	drakon/δράκων	<i>Trachinus draco</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	echeneis/έχενις	<i>Echeneis naucrates</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	eleginos/έλεγινος	Actinopterygii sp.17
Enhaima	Ichthytes	Lepidotoi	ellops/έλλοψ	Actinopterygii sp.18
Enhaima	Ichthytes	Lepidotoi	enchelys/έγγελυς	<i>Anguilla anguilla</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	encrasicholos/έγκρασίχολος	Clupeiformes sp.2
Enhaima	Ichthytes	Lepidotoi	epitragias/έπιτραγιάς	<i>Carassius carassius</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	erythrinus/έρυθρίνος	<i>Pagellus erythrinus</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	etelis/έτελις	Actinopterygii sp.19
Enhaima	Ichthytes	Lepidotoi	foxinos/φοξίνος	Actinopterygii sp.13
Enhaima	Ichthytes	Lepidotoi	galē/γάλη	Actinopterygii sp.15
Enhaima	Ichthytes	Lepidotoi	glanis/γλάνις	<i>Silurus aristotelis</i> Garman, 1890
Enhaima	Ichthytes	Lepidotoi	glaukos/γλαῦκος	Actinopterygii sp.16
Enhaima	Ichthytes	Lepidotoi	gongros/γόγγρος	<i>Conger conger</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	helōn/χελών	Mugilidae sp.3
Enhaima	Ichthytes	Lepidotoi	hēpatos/ήπατος	Actinopterygii sp.20
Enhaima	Ichthytes	Lepidotoi	hippouros/ ίππουρος	<i>Coryphaena hippurus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	ioulis/ιουλίς	<i>Labrus mixtus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	kalliōnymos/καλλιόνυμος	<i>Uranoscopus scaber</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	kantharos/κάνθαρος	Actinopterygii sp.21
Enhaima	Ichthytes	Lepidotoi	kapros/κάπρος	Actinopterygii sp.11
Enhaima	Ichthytes	Lepidotoi	kephalos/κέφαλος	<i>Mugil cephalus</i> Linnaeus, 1758
Enhaima	Ichthytes	Lepidotoi	kicklē/κίτλη	Labridae sp.1
Enhaima	Ichthytes	Lepidotoi	kitharos/κίθαρος	Pleuronectiformes sp.3
Enhaima	Ichthytes	Lepidotoi	kōbios/κωβίός	Gobiidae spp.
Enhaima	Ichthytes	Lepidotoi	kokkyx/κόκκυξ	Triglidae sp.2
Enhaima	Ichthytes	Lepidotoi	kolias/κολιάς	<i>Scomber colias</i> Gmelin, 1789
Enhaima	Ichthytes	Lepidotoi	korakinos/κορακίνος	<i>Chromis chromis</i> (Linnaeus, 1758)
Enhaima	Ichthytes	Lepidotoi	kossyphos/κόσσυφος	Labridae sp.2
Enhaima	Ichthytes	Lepidotoi	kottos/κόττος	<i>Barbus</i> sp.

(continued)

Table S1 (continued)

Rank 4	Rank 3	Rank 2	Rank 1	Identified as
Enhaima	Ichthyes	Lepidotoi	kyprinos/κυπρίνος	<i>Cyprinus carpio</i> Linnaeus, 1758
Enhaima	Ichthyes	Lepidotoi	labrax/λάβραξ	<i>Dicentrarchus labrax</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	lyra/λύρα	Triglidae sp.1
Enhaima	Ichthyes	Lepidotoi	maenis/μανίς	<i>Spicara</i> sp.1
Enhaima	Ichthyes	Lepidotoi	melanouros/μελάνουρος	<i>Oblada melanura</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	mormyros/μόρμυρος	Actinopterygii sp.3
Enhaima	Ichthyes	Lepidotoi	muraena/μύραινα	<i>Muraena helena</i> Linnaeus, 1758
Enhaima	Ichthyes	Lepidotoi	myrinos/μύρινος	Mugilidae sp.2
Enhaima	Ichthyes	Lepidotoi	myxōn/μύξων	Mugilidae sp.1
Enhaima	Ichthyes	Lepidotoi	onos/όνος	<i>Phycis blennoides</i> (Brünnich, 1768)
Enhaima	Ichthyes	Lepidotoi	orkys/όρκυς	<i>Orcynopsis</i> sp.
Enhaima	Ichthyes	Lepidotoi	orhōs/όρφός	<i>Epinephelus</i> spp.
Enhaima	Ichthyes	Lepidotoi	rēlamys/πηλαμύς	<i>Sarda sarda</i> (Bloch, 1793)
Enhaima	Ichthyes	Lepidotoi	peraeas/περαίας	Blenniidae sp.1
Enhaima	Ichthyes	Lepidotoi	perkē/πέρκη	<i>Perca fluviatilis</i> Linnaeus, 1758
Enhaima	Ichthyes	Lepidotoi	phagros/φάγρος	<i>Pagrus pagrus</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	phōlis/φωλίς	Blenniidae sp.2
Enhaima	Ichthyes	Lepidotoi	phykis/φυκίς	Labridae sp.3
Enhaima	Ichthyes	Lepidotoi	primadiae/πριμαδία	Pleuronectiformes sp.2
Enhaima	Ichthyes	Lepidotoi	psēta/ψήττα	Pleuronectiformes sp.1
Enhaima	Ichthyes	Lepidotoi	salpē/σάλπη	<i>Sarpa salpa</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	saperdis/σαπερδίς	Actinopterygii sp.4
Enhaima	Ichthyes	Lepidotoi	sarginos/σαργίνος	Actinopterygii sp.5
Enhaima	Ichthyes	Lepidotoi	sargos/σαργός	<i>Diplodus sargus sargus</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	sauros/σαύρος	Actinopterygii sp.6
Enhaima	Ichthyes	Lepidotoi	sinodōn/συνόδων	<i>Serranus</i> sp.2
Enhaima	Ichthyes	Lepidotoi	skaros/σκάρος	<i>Sparisoma cretense</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	skiaena/σκιαίνα	Sciaenidae sp.1
Enhaima	Ichthyes	Lepidotoi	skombros/σκόμβρος	<i>Scomber scombrus</i> Linnaeus, 1758
Enhaima	Ichthyes	Lepidotoi	skorpios/σκορπίος	<i>Scorpaena</i> spp.
Enhaima	Ichthyes	Lepidotoi	smaris/σμαρίς	<i>Spicara</i> sp.2
Enhaima	Ichthyes	Lepidotoi	sparos/σπάρος	Actinopterygii sp.7
Enhaima	Ichthyes	Lepidotoi	sphyraena/σφύραινα	Actinopterygii sp.9
Enhaima	Ichthyes	Lepidotoi	synagris/συναγρίς	Actinopterygii sp.8
Enhaima	Ichthyes	Lepidotoi	taenia/ταινία	<i>Cepola macrophthalma</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Lepidotoi	thynnos/θύννος	<i>Thunnus</i> spp.
Enhaima	Ichthyes	Lepidotoi	tilōn/τίλον	Actinopterygii sp.12
Enhaima	Ichthyes	Lepidotoi	triglē/τρίγλη	<i>Mullus barbatus barbatus</i> Linnaeus, 1758
Enhaima	Ichthyes	Lepidotoi	xiphias/ξιφίας	<i>Xiphias gladius</i> Linnaeus, 1758
Enhaima	Ichthyes	Selachii	aetos/αετός	Elasmobranchii sp.1
Enhaima	Ichthyes	Selachii	akanthias/galeos	<i>Squalus acanthias</i> Linnaeus, 1758
Enhaima	Ichthyes	Selachii	alōpex/άλόπηξ	Elasmobranchii sp.2
Enhaima	Ichthyes	Selachii	asterias/άστερίας	<i>Scyliorhinus stellaris</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Selachii	batos/βατίς	<i>Raja</i> sp.
Enhaima	Ichthyes	Selachii	bous/βους	<i>Dasyatis</i> sp.
Enhaima	Ichthyes	Selachii	lamia/λάμια	Elasmobranchii sp.3
Enhaima	Ichthyes	Selachii	leiobatos/λειόβατος	Myliobatidae sp.
Enhaima	Ichthyes	Selachii	leios/galeos	<i>Mustelus mustelus</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Selachii	narkē/νάρκη	<i>Torpedo</i> sp.
Enhaima	Ichthyes	Selachii	pristis/πρίστις	Elasmobranchii sp.4
Enhaima	Ichthyes	Selachii	rhinē/ρίνη	<i>Squatina</i> sp.
Enhaima	Ichthyes	Selachii	rhinobatos/ρινόβατος	<i>Rhinobatos</i> sp.
Enhaima	Ichthyes	Selachii	skyllion/σκύλλιον	<i>Scyliorhinus canicula</i> (Linnaeus, 1758)
Enhaima	Ichthyes	Selachii	trygōn/τρυγών	<i>Mobula mobular</i> (Bonnaterre, 1788)
Enhaima	Ichthyes	Selachii	zygaena/ζύγαινα	Elasmobranchii sp.5
Enhaima	Ichthyes		acharnas/άχαρνας	Pisces sp.1
Enhaima	Ichthyes		phtheir/φθείρ	Pisces sp.3
Enhaima	Ichthyes		thratra/θράττα	Pisces sp.4
Enhaima	Ichthyes		thrissa/θρίσσα	Pisces sp.2
Enhaima	Ketode		delphis/δέλφις	Delphinidae
Enhaima	Ketode		mystacocētos/μυστακόκητος	<i>Balaenoptera physalus</i> (Linnaeus, 1758)
Enhaima	Ketode		phalaena/φάλαινα	<i>Physeter macrocephalus</i> Linnaeus, 1758
Enhaima	Ketode		phocaena/φώκαινα	<i>Phocoena phocoena relicta</i> Abel, 1905
Enhaima	Ootoka		chelōnē thalattia/χελώνη θαλαττία	<i>Caretta caretta</i> (Linnaeus, 1758)
Enhaima	tetrapoda			
Enhaima	Zootoka		phōkē/φώκη	<i>Monachus monachus</i> (Hermann, 1779)
Enhaima	tetrapoda			