Geographic	Location	Oceanographic features	Geographic / habitat break	Data for coastal/ offshore?	Materials used and quan	Sities		Genetic marken	Genetic	c analysis			Morphological markets					Feeding Ecology		Parasite data	Behaviour		Overall Degree of Differentiation	•
realizes					Mambolasical Bischemical	Ganatic	m(0)64	surlear	Shukomontir	Republics	Tot body length Touth	Coloration Study		Decent for	Vartabras	Other	Stable indunes/ fatty in	stamach contents	Other		krautic Minutes Other	Genetive	1000	Manholany
																	acids				and a second second			
10	Rangladesh			coastal		Amaral et al., SC/66a/SM/18:	Amaral et al.,		Median-joining network,					Smith et al., SC-66a-								Reciprocal monophyly when compared with database		
						17 samples compared against	SC/66a/SM/18 180bp		Maximum likelihood					SM19; photo-ID										
							consist region							Indo-Pacific										
														bottlenose dolphins										
														gave abundance estimates of 1.701 -										
														2,239 between 2005										
														and 2009. Dorsal fins										
														but extensively										
														affected by fisheries										
														interaction scarring										
10	Pakistan Oman		expension of the Supris and	coastal	Grav 2017 (200) Soid	Gravet al 2018; and0	minescene Moura et	internet Gravet al 2010 de tato interne & au	. Bauerian analosia			Mare	mbometrics data ware considered with									Register al monocholy when compared with database		non-merisoning ICA clusters
_			Sahul shelves during		morphology based on 26	compared against database;	al, 2015: 4,301bp mtDNA	Lactalburnin intronRADseq: Moura et al.,	maximum parsimony,			the m	molecular phylogenetic assessment of											
			Pleistocene proposed		cranial characters across 50	mtDNA, Acton intron & e-		Pers.comm_HMb	BEAST			the g	group, where there is clear separation											
					Ta: n = 4. Tt: n = 9, unknows: n	al. Perscomm.: 1 sample for						Tais	ween 1. truncatus and 1. aduncus, and A s differentiated from Hol-Ta, but those											
					- 8)	RADseq phylogeny: basal within						two s	sample sets group most closely											
						'holotype' (South African)						taget	ither											
10	South Milina			coastal	Mala at al. 2007 25 Junio	Notel at al. 2004/2009-	mitting or Natal et al.	ment Natel et al. 2004/2008-5	Minimum reasoning	leitere T2/46 T2v46 T21	Male at al. 2000	iinia.	a et al. 2000: truccaturus adurcus -									Well-defined linease separate from other T. advocus		Distinguish advector from trust abus - onto that compared assignt
_					length/Skull lengh ratios	mtDNA (N+38/50) and	2004/ 2008: 297bp/599bp	loci;RADseq: Moura et al., Pers.comm.:41/	to network, Median Joining	autocorr.	truncatus vs aduncus	body	y length to skull ratios									Ineages (RADseq data, mtDNA data); T. truncatus within		Australian samples as well and consistent for skull length/ body
					truncatus vs aduncus length	microsatellite DNA (n=107/ 143	9		Network, Neighbor		length											broad global lineage (Hoelzel et al., 1998). Differentiation		length ratios.
						compared against multiple populations and among			Panimony, Ravesian													South Africa and all other populations compared (8		
						populations within South Africa																worldwide including Australia and China);		
						Moura et al., Pers.comm.: Réfluen chulpenny -																		
						differentiated lineage within T.																		
						aduncus lineage. Hoebel et al.,																		
						2008.1102/0901																		
10	Tartana, zarti bar			coasta		Samblad et al., 2000: 111 45	al. 2010: 534bo		Maximum Parsimony.	PRO1												Dimenenciated from Autoralasia, not from south Arrica		
									Struction .															
io io	Wettern Autoralia			coastal / ottendre		Allen et sl., 2035: nr3442coulation structure in	2016: 43/bolisition et al.,	Instantion of all, 2016; 19 ICORDISION of al	L, asyecan; Maximum	migrate-a modelling	1990: differentiation	1990: differentiation										hite-scale population differentiation among rearrange	rearstore/ ortshore	
						NW Australia, species delinatio	2004: 353bpiCornae:			AMOVA, PhiST, RhoST	between T. truncatus	between T. truncatus										offshore (T. truncatus); Cornaz - in Shark Bay T. aduncus but		
						between offshore and inshore	mitogenome				& T. aduncus, and by	& T. aduncus, and by										~40% have T. truncatus haplotypes.		
						nn302Population structure					Enderhalt	Earlinghad												
			1	1	1 1	within Shark BayComaz 2015;	1	1	1	1	1			1	1	1	1 1						1	
			1	1	1 1	previously	1	1	1	1	1			1	1	1	1 1						1	
			1	1	1 1	publishedMitogenomics of	1	1	1	1	1			1	1	1	1 1						1	
			1	1	1 1	runsiops in Australasian and Indonesian waters	1	1	1	1	1			1	1	1	1 1						1	
	Factors Installs	l		and the second se	Hole and SMME V factor	halfing & Background	and the second second	marketilles and SMM ( )and	Maninum Demiser	1775 advanture	Anna B. Cardanadh	Barry & Cardwards	and MM increases of									Malles & Balancesers - NML differentiation -	and an and all the same fundaments	Nation of strengtheners from the section with the tax
150	Automa Automa		1	constil	length/Skull lengh ratios	nr57 Population structure in SV	Behereragay, 2001:	al, 2012: 20 lociRADseq: Moura et al.	Neighbor-Joining	Pan, directure	1990: differentiation	1990: differentiation	e es es, adde truncatus ve aduncus lengi	-	1	1	1 1					aduncus and T. truncatus; Moller et al., 2007: fine-scale	coastal	Australian samples as well and consistent for skull length/ body
			1	1	truncatus vs aduncus length	AustraliaAnomann et al. 2012:	368bpsMöller et al., 2008:	(pers. comm.): 4Mb data	network; Rayesian	1	between T. truncatus	between T. truncatus		1	1	1	1 1					differentiation (within bay and between in and outside the	1	length ratios.
	1		1	1	1	Population structure in Moreton Bay (% Milliours - + -)	subbpiAnsmann et al. 2012: 403bpiAnsman***	1	1	1	a r. aduncus, and by expension: Hale et	& T. aduncus, and by recorracity		1	1	1 1	1					barg - microsat FST up to 0.14 (in vs outside Port Stephens Bary). Anomann et al., 2012; All constitution within and with	1	
	1		1	1	1	perscomm.	500bp CRcyt-b:Möller et	1	1	1	al., 2000 truncatus vs			1	1	1 1	1					comparisons outside Moreton Ray - FST up to 0.05. RADseq	1	
			1	1	1	1	al., 2008: 1000bp	1	1	1	aduncus length			1	1	1						phylogeny gives well-defined lineage within T. aduncus lineage		
112	Southern Australia &			coastal/offshore	Hale et al., 2000: 25 Body	Charlton-Robb et al., 2011:	mtDNAcr Charlton-Robb	must Möller et al., 2008: 6	Revesion Maximum	Factorial correspondence.	Charlton-Robb et al. Charlton-Robb et	al. Ross & Cockcroft. Charl	riton Robb et al., 2011: metrics, ero-		Kemper, 2004:							Differentiation between outative T, australis and T.		Charlton-Robb et al., 2011: Differentiation between putative T.
	Tasmania				length/Skull lengh ratios	nn35description of 'T.	et al., 2011: 418bpsCytb:	lociRADseqMoura et al., (pers. comm.):	likelihood; Maximum	Structure	2011: (T. australis); 2011	1990: differentiation morp	ph - putative T. australis; clustering,		truncatus vs aduncus -							truncatus/T. aduncus; Population differentiation along		australis and T. truncatus/T. aduncus Jedensjo et al. 2017:
					trancatus vs aduncusRoss & Ceckcenth: 1990; co:103 skulls	oustralis', genetic comparison to other Delphioids	Charlton-Robb et al., 2011 - 106Chrs	4Mb data	Parsimony		Ross & Cockcraft, 1990: differentiation	5 T advances and by skulle	; Jedensjo et al., 2017; nn347 InKenner, 2004; francaturas adarcas		some overlap -							southern coast - Jedensjo thesis (for both truncatus and associatily advocusi Compa Thesis: microsoft and mitneencome		Grouping between T. australis and T. truncatus Kemper, 2004:
					Charlton-Robb et al., 2011:	morphological comparison to					between T. truncatus	geography cluste	ter analysesHale et al., 2000 truncatus									data show structure for T. truncatus, not strongly		
					mildi skulisledenojõ et al. 2017: mildi skulis	other Turslops Möller et al., 2008: coll@Geoetic structure					& T. aduncus, and by secure the late at	vs ad	duncus length									geographically definedMoura et al. (pers. comm):Taustralis a well-defined losses within T. advances lineases		
						of 'bottlenose dolphins' in					al., 2000 truncatus vs													
						southern Australia, comparison					aduncus length													
						delphis Moura et al., (pers.																		
						conn.)								_										
	NUTLI OF PUBLICA			Conven	length/Skull length ratios	129 previously	integration as		aspesari, askar		1990 differentiation	1992: differentiation										Control with weight in mage - periods and entry		
					trancatas vs adancus	publishedMitogenomics of					between T. truncatus	between T. truncatus												
						Indonesian waters					a 1. adurcus, and by geography; Hale et	geography; Hale et al.,												
											al., 2000: truncatus vs	2000: truncatus vs												
											aduncus length	aduncus length												
wsp	Solomon Islands, New Caledonia			coastal		Oremus et al. 2015:Turslops in New Caledonia and Solomon	mIDNA cr:700bp		Maximum Likelihood													Differentiated T. aduncus and T. truncatus forms; truncatus in broad slobal linease.		
						island																· · · · · · · · · · · · · · · · · · ·		
wsp	New Zealand			coastal		Terzano-Pinto et al., 2008: no195 from porth and south	mtDNA cr: 647bp		Neighbour joining	FST, PhiST												<ol> <li>truncatus - two ecotypes, inshore and offshore - PHist = 0.202</li> </ol>		
						island including fired and																		
						populations																		
WNP	China, Korea, Japan, Talaran, Phillipines	Kuroshio current appears to senarate coastal and off-hone	island-associated populations of T advocus, multiple islands		Wang et al., 2000: nr57 (40 T tru: 17 T adv: from China	Wang et al., 1999: nr47, adurcus from China Talanan	mSDNA cr:Wang et al., 1999: 386 hox. 7 fixed	must Chen et al., 2017P: nr20 loci, nr66; midence for these clusters: western Ment	Wang et al., 2999: Maximum	Chen et al., 2017: Earthfiel	Kurihara & Oda, 2006: Januar autor	Kim e	et al., 2000: nv1 skull compared to			Wang et al., 2000: external error			Kim et al., pers.comm: Subting data indicates			Wang et al., 1999: 7 fixed differences, sequence divergence of 6.4%. Chan et al. 2012: mtCNA differentiation between E		Wang et al., 2000: gross morphology: non-overlapping distributions of metral length characters, discriminant across
		populations off Japan, the	off Japan and off Jeju Island,		waters) for gross morphology;	and Indonesia; truncatus from	differences between	coast of Japan, western and northern Talwa	an likelihood,Mimimum-	correspondence,Bayesian	found that aduncu	as range	pr of Ta; Kurlhars & Oda, 2006: found			morphology based on		6	Tt found in waters			Japan, SE China, NE China, and Palmyra, meats suggest		based on 8 characters non-overlappingKurihara & Oda, 2006:
		location of Kuroshio shifts E-W	South Korea, which is near		Kim et al., 2000: 1 skull from	Talwan, N. Africa, Hong Kong,	aduncus and truncatus,	and Myazaki), East cluster - East Talwan at	nd spanning networkChen et	(Geneland)	generally has more	e separ	aration in cranial characters in skulls			dead animals; nn40 Tt			along both sides of			clusters of Tt west coast of Japan and western and northern		identified two morphological groups - skulls from Amami,
		over years.	Density gap between coastal	c	Kurihara & Oda, 2006; m27	Thurcatus from Tall fishery	4.4%: Chen et al., 2017:	Lap, and Philippines (but only h12)	st, 2017: Median-Johning network		were overlapping	morp	n apanese animals - identified two phological groups corresponding to Ta			Discriminant scores			korean Peninsula and bycatch off Jelu but			Tawan, saist Tawan & Tay, and Philippes (put shall sample size)		other from Japan waters corresponded to TtShirakihara et al.
			and offshore animals off Japan	n	skulls from Japanese waters;	(Eastern Japan), mtDNA 402 bp	388 bps, nr42 Tt from					(islan	nd-associated) and Tt; Shirakihara et al	4		based on 8 characters			unpublished data					2002: confirmed 2 specimens from Amakusa-Shimoshima had
			where suroup current is.		carcasses from Amakusa-	concluded "more lumitar to oceanic T try"Chen et al., 2017	Philipines, nr7 Ta from					2008 Shine	a: 2 speciment from Anakuta- noshima Island, most skull measures			ron-overspping, rostrum length as								cranal measures within range of 1a.
					Shimoshima Island off Japan.	Tt+42 samples, Ta+7 samples	Taiwan and Japan, found					within	in range of Ta and outside range of Tt.			absolute measure or								
						compared with published data	between Tt in Eastern									as proportion of total body length or snout-								
							Japan, South East China,									to-eye length non-								
							North East China, HI, and Relimina when combined									overlapping								
							with published data.																	
MEDBAS	Black Sea	Enclosed basin connected to	Dardanelles/ Bosphorus Strait	Gol'din & Gladille, 2015: Some	Visud et al., 2008: 27	Natoli et al., 2005: 16	mtDNAcr: Natoli et al.,	must Natol et al., 2025:35 samples; 9 loci	Natoli et al., 2005:	Natoli et al., 2005: FST,	Vaud et al., 2008: 27	Viaud	ad et al., 2008: 27 skulls measured.				٥	Gladilina et al., 2014:		Birkun, 2002: Parasite data	Turslops in the Black Sea is	Differentiation between Tt pelagic and Tt Med supported by	Drastic difference from the	Evidence of smaller total body size, by two independent works.
		the Med only by small strait/ not older than 10K-8K years/	system; Kerch strait into Sea o Azov.	f evidence of possible offshore and inshore populations	samples Gol'din & Gladilin, 2015: 64 samples	samplesVaud et al., 2008: 43 samplesMoura et al., 2013: 10	2005: 16 samples; 630bosViaud et al., 2008;		Minimum spanning networkViaud et al.	Structure, Ph/STV/aud et al., 2008: Ph/ST.	Individuals: 294-244 cm.Gal'din & Gladilin.	Mean	en adult skull length of 452.3 mm ximum length = 503 mml: 26 cranial				1	11 stomachs Compared with data		available from the 1960's and 1990's: no protozoa infection	considered coastal, however, the occurrence of	int and nuclear markers analysis, from multiple authors, f athough incomplete lineage sorting based on mtDNA	neighboring Med, in term of salinity and temperature, with	Hypothesis of a bigger (offshore) and smaller (inshore) form.
		low salinity, colder		(Crimea)		samples	43 samples; 442bps		2008: Network parsimony		2015: (Crimea) 64	meas	surements (following Perrin et al., 197)	5)			n	from 1938, wider		and external macroparasites.	this species in deeper		obvious geographic barrierWithin	
		waters/depth variable up to					mbagenome: Moura et		reconstruction, TCS 1.13		individuals, 43 with	PCA	analysis.				0	number of species and		6 species internal macro	waters should be assessed		ES different habitats from	
	1	shallow with enclosed basin	1	1	1	1		1	analysis for node	1	Adults: 30F (201-	1 1		1	1	1 1	1 1	species and similar to			and Goldin & Gladiin,	1	Contraction of the second second	
	1	(Azov Sea)	1	1	1	1	1	1	estimation age calculation	1	260cm, average	1 1		1	1	1 1	8	those found in			2015	1	1	
			1	1	1 1	1	1	1	ana LADEK	1	270cm, 2001 (241)			1	1			mesoderanean					1	
	L		L	L	L	I	L		1	1	average:255.5cm)			1	1							1	l	
MEDBAS	Mediterranean	Enclosed basin with different	Strait of Gibraltar considered	1	Visud et al., 2008: 27	Natoli et al., 2005: 74	mtDNA cr: Natoli et al.,	muat: Natoli et al., 2005: 74 samples; 9	Natoli et al., 2005:	Natoli et al., 2005:	Vaud et al., 2008: 27	Visus	ad et al., 2008: 27 skulls measured, 25		1			Blanco et al., 2001:6				Must: strong population structure between RS/Med/XNA but	A variety of different habitats	Vaud et al., 2008: Evidence of not overlapping cluster PCA
		habitats . Inside, partially enclosed seas (Adriatic.	as physical boundary Almeria Oran Front divides Oran See	1	samplesSharir et al., 2011: Bisamples for total length and	samplesWaud et al., 2008: 31 samplesMoura et al., 2019-10	2005: 63 samples; 630bp:Vlaud et al., 2/V4-	lociGaspariet al., 2015: 192 samples for 12 loci	Minimum spanning network/Vaud et al.	Structure, FST, PhiSTViaud et al., 2008: PhistGaureri	individuals 220-315 cm and 246-320 cm	crank at al	sial measurements (according to Perrin I., 1975), mean lengths of 520.3 mm w	-	1	1		stomach contents from Western				to mtDNA lineage sorting (Natoli et al, 2005 & Mours et al 2013).Likely colonization from the west towards the east	from Scotland throughout the Black Sea. Habitat boundaries	analysis of 26 cranial measurements. Within Med dwarfium suggested in the eastern Med population fisraell supporting
		Argent).	from western Mediterranean,		82 skulls	samplesGaspari et al., 2015:	43 samples; 442bps		2008: network parsimony	et al., 2015: Structure, FST	for the Mediterranean	537.4	4 mm in the Mediterranean and the	-				Med.Different main					appear to coincide with	evidences of population differentiation. Different populations in
	1		identified as likely habitat/population heavy from	J	1	192 samples	Gaspari et al., 2015: 192 samples for	1	reconstruction, TCS 1.13 Moura et al. 2013- 01 47	1	and Atlantic respectively. Sharir et	Atlan	ntic Ocean. PCA analysisSharir et al., 1: CBL of 42 from excitated on 40 from	1	1	1 1	P	prey compared ENA Tursiops				1	population boundaries	different basins
			Channel shallow plateau	1	1 1	1	920bpumitogename:	1	analysis for node	1	al, 2011: 25 eartMed	west	thed. Significantly smaller.	1	1	1	I ľ	pn					1	
	1		divides east from west	1	1	1	Moura et al., 2013: 10	1	estimation age calculation	1	vs 64 westMed.	1 1		1	1	1 1	1					1	1	
	1		1	1	1	1	samples	1	#10 LAGER	1	mp=-cat difference between the means	1 1		1	1	1 1	1					1	1	
ENA	Eardern North Atlantic	Warm Gulf Stream comine	Coastal areas of shallow	Yes: coastal populations	Louis et al., 2014: coastair 12	Louis et al., 2014a: 381	mDNAcr: Louis et al	must Louis etal, 2014b: 25 loci. 255	Louis etal 2014b:	Louis et. al., 2014a:	Louis et al., 2054b: 33	+ +		1	1		Louis et al., 2014b: 41	Louis et al., 2014b				Clear strong differentiation between coastal and primeir	Clear niche separation between	No significant difference betweeen coastal and pelasic.
		form the Western side of the	waters or estuaries likely	present in many areas (Moray	samples and pelagic = 27	samplesLouis et al., 2014b: 35	2014b: GRibpsLouis et al.,	samplesLouis et al., 2014a: 355, 25 must	DINACHoebel et al.,	Snucture & TESS: 4	samples (12 coastal,			1	1	1	samples: coastal+14, c	coastal+6, pelagic+34.				Coastal populations suggested to have originated from	coastal and pelagic both from	
		paun and keeping water warmer than avearee	nationals released after the last Glacial Maxima	and pelasic population/www.	samples pemales = 20; males= 18; undetermined = 1)	samples from different regions from Scotland to	2014a: 369 samples GilbosQueroll et al	Appres & 28 from Madeira 10 meetMinimia	2998: Neighbour joining	populations identified: Med&pelasic, coast+1	27 perage)			1	1	1	difference in the C12	of dominat fish pre-				peage in the last Glacial Maxima 10 320 yrSP. Divergence between pelasic Atlantic and West Mediterramen	state sotopes and stomach contents. Oceanic deep waters	
	1	temperature at same latitude,	1	Waerebeek 2016: evidence of		Mediterranean.Queroil et al.,	2007: 60-lbpMirimin et	et al, 2011: 15 lociNichols et al., 2007: 5	1	north and south. Misit		1 1		1	1	1 1	but difference in \$34 (1	(Niche overlap: Planka				populations occurred later (7580 yrBP). Coastal north and	environment likely to define	
	1	Canary current heading south. Estuaries and greater inlands -	1	i unsight turncatus occurrence	1	2007: 86 samples from Aapres & 28 from Markeinskildes****	at, 2011: 544bp.Nkhols et al., 2007; 171bolia-bol	iccimpelael et al., 1998: 5 loci	1	Post, medina PST & PhiST Midmin et al. 2444		1 1		1	1	1 1	and N15Femandez et in al., 2011: 42 enviroles	index+ 0.11)				south skely to be recently originated or results of framentation of metapopulation. Within relation	peragic population widely homogeneous throwshout the	
		specific coastal habitats	1	reported along all the African	1 1	al, 2011: 98 samples from	et al., 1998: 297bp	1	1	and Fernandez et al	1			1	1	1	from Galicia,					differentiation even across long distances (see Queroil et al.,	Atlantic (no difference between	
	1		1	west coastline.	1	North, center and South	1	1	1	2011: Fine scale pop	1	1 1		1	1	1 1	differences between North and South					2007). Fine population structure across the range in coastal actuation bublishs and exclosions of extinct pro-	Azones samples and pelagic ENA)	
	1		1	1	1	archeological samplesHoelaal e		1	1	Iberia.Querail et al., 2007:		1 1		1	1	1 1	Galcia					have not been replaced at least in the last 100 years (Nichols	1	
			1	1	1 1	al., 1998: 2 samples from	1	1	1	STRUCTURE FST,	1			1	1	1						et al., 2007). No data for the Atlantic North African coast	1	
			1	1	1	senegal compared with broad dataset.	1	1	1	Phone Wichols et al., 2007: FST, PhiST, Structure				1	1	1						except for occurrence and 2 samples of Tt from Senegal that fall in the broad tursiops truncatus lineage.		
					L										L									
ESA	Eastern South Atlantic			Van Waerebeek, 2016:	1	Hoebel et al., 1998: 4 samples	Hoelzel et al., 1998: 297bp	Hoelael et al., 2998: 5 loci	Hoelzel et al., 1998:													Only analysed samples are 4 Tt from Namibia that fall in the		
			1	evidence of Tursiops occurrence in pelastic and		from Namibia	1	1	Neighbour joining					1	1	1 1						broad Tt lineage.		
			1	coastal waters is reported	1	1	1	1	1	1		1		1	1	1 1	1						1	
				along all the African west		1	1		1					1										
WNA	Western North	Multiple habitats: deep	Rosel & Wilcox, 2016	Yes, morphological (cranial and	Costa et al., 2016 SC/66b/ Duffield, 1987,	Rosel et al., 2009: 481 samples	mtDNA cr: Rosel et al.,	must Rosel et al., 2009: 431 samples for 11	Rosel et al., 2009:	Rosel et al., 2009:	Mead and Potter,	Costa	ta et al., 2006 SC/66b/ SM11: 101 skul	h	Costs et al., 2016		Barros et al., 2009: N	Mead and Potter,		Mead and Potter, 1995:		Clear differentiation between WNA offshore and coastal	Offshore habitat seems similar	Clear evidence of morphological differentiation between coastal
		continental shelf and	Estuarine/nearshore and shelf	size) and genetic data.	57 coastal adult skulls based on present differences in	microsatellitesRosel & Wilcox,	Wilcox, 2016	samples, 19 microsatellite loci: distinct allel	le & Rosel, 2017: Rayesian	mismatch distribution.	offshores	(44 of identi	offication). 19 measurements. PCA and	1	vertebra counts, of	1 1	isotopes. Knaff, 2004: st	stomaches and 117		with Phyliobothnium,		clear population structure within coastal ecotype across the	characteristics very among areas.	Differentiation confirmed by both skulls measurements and
		nearshore coastal waters,	waters versus continental		a priori identification). 34 hematological	2006 SC665/SM/36: 766	SC66b/SM/36: 766	frequency distributions, high number of	analysis: two well	Distinct coastal	(nr33)r290cm, modal	DFA	analyses. Two well divided groups.	1	those 16 fully	1	nr267 dolphins from c	coastal stomachs.		Monorhygma and the		range. Nuclear AFLP markers separate the coastal and	This is likely driving the fine	vertebra counts, total body length
	1	ways, sounds and estuarine waters, Western North	supe and deeper, Cites Kenney 2000Volkmer & RoseL 2017	1	measured. Compared with 78	nentpres. mtLiniA control region microsatellitesVoltmer & Provid	samples, 434 bps, fixed nucleotide	provide anteresisters, complex (genes DQB an DRB) sequences: Morphotypic specific while	<ul> <li>supported clusters</li> <li>offshore /coastalKing</li> </ul>	of male dispensal. Gulf ~#	(nr72) = 250-260cm.	When	en unepared with WSA skulls: three ups (WNA coastal, WSA offshore #www.	4	analysis. Two clear	1 1	isotopes	habits with different		cressicauda lesions in 74% ~f		analysis. They show reciprocal monophily	Stable isotopes indicate habits	
		Atlantic, Gulf of Mexico,	Habitat break in north central	1	skulls from WSA (coastal and	2017: 563 samples, mtDNA	differences Volkmer &	see n (8 for DQ8 and 54 for DR8(SNPs:	et al., 2009: AFLP tree	Mexico most	Rut total length did	offsh	hore, WSA coastal[Mead and Potter,	1	dvided	1	P	prey species observed		38 offshare skulls, 1.6% of			partitioning between offshore	
		Caribbean	Gulf of Mexico for shelf and offshore populations	1	offshore)Mead and Potter, 1995: 33 offshore, 72 coart+1	control region, microsatellites, SNPs@neston et al. 2000	Rosel 2017: 540 individuals for 354bes	Volimer & Rosel, 2017: 52 SNPs on 563 samplesAFLP: Kingstron et al. 2009; 110	reciprocal monophyly for coastal and off here	distinct Vollmer & Rosel, 2017: Structure: DBC4	overlap to some degreeCosta et al	1985	S: No overlap in three skull surrements for coast-si and off-shares	1	groups.Offshores (m22): 63-65 variter	1				183 coastal skulls analysed. Coastal individuals infector			and coastal forms	
	1		Contract preparations	1	Three basic measurements,	mtDNA control region, AFLP		polymorphic AFLP markers total. nr 5	animals. mtDNA tree	FST, PhiST, Migrate	2016 SM/66b/SM11:	anim	nals in wNA	1	Coastals (nr9): 59-60	1 1	1			with trematode		1	1	
			1	1	condylobasal length, zygomatic width and internal ourse width	markers	1	offshores and m15 coastals	unresolved	1	Offshores in wNA similiar ant income than			1	vertebrae	1	1 1			BrauninaCosta et al., 2016 CM/GDN/CM111-C716 of			1	
			1	1	A REAL PROPERTY AND A REAL	1	1	1	1	1	coastals in WNA			1	1	1				offshore skulls have				
	1		1	1	1	1	1	1	1	1		1 1		1	1	1 1	1			Crassicauda scars while only 3 SK of coastal shuft have		1	1	
		1	1	1	1	1	1	1	1	1	1			1	1	1	1 1			scars		1	1	

an SA	Western South Atlant	ir Tropical subtracical and	Generathic races of names	Yas morphological indication	Barrata 2002 could (may achi	8	Barrata 2000: 16 samples	mitthis critismate 2002	must front at al. 2014: 124 surroles, 15	Equat et al. 2014Centra e	0 0 at al 2016-02	Costs at al. 20/	6-10, Ottatal 2016;	Costs et al. 2015: 100 mature 78 used in	Costs et al. 20160m	Costs at al. 2016:35	Centrel al. 2005:		Costa et al. 2016: No.	Ott at al. 2016 diterature	Concarella 2016	Costa et al. 2015: coastal 5 Brazil - 3 runies: clusters	light at al. 2010; Linclear the	Barrato 2000: Genificant difference North and Couth of Canta
	A COLORADO AND A COLORADO	temperate coastal and	reviewed' North and northeast	doreal fin shape skull and	skulls 14 from north and 54	-	238ha of control region Erest at	anti6 23lby Enant et al	inci Centa et al. 2015-27 carrolas 5	al 2015Goust at al	2M From Otta	25 total tooth a	increase interactions of	full DCA DEA 1. test MANOVA 21	at al 2017	untabral columns	(Starature review)		similiant difference in	review) createl and offshore	SC /SEN/SMIRE 154 obstall)	similirant difference between northern () as you and	amount of sumpairs between	Catarina Gate exclusional by different current nonferences. La
		officience waters. Mainly drivers	Brazil to Tierra del Euero	mentic midance of offshore	from prothilightet al. 2016		al 2014: 134 samples (constal)	2014: 124 campieur	inci-front et al. 2017-40 complex 11	2017Oficairs at al	Oberature	similiant but a	mal Brazilian and	measurements lieblet al. 2016: 135 from		measurements and	(		Crassic auda scara between	differ But years little	catalog from central	southern mainceferent et al. 2017 constal un offshore S	truncatus (offshoos) and	properties N/S unit of the two forms as subspecies Costs at al.
		by the warm, southerly flowing	Habitat discontinuities invoked	(truncatus-type) and imhore	135 adult skullsCosta et al.		Costa et al., 2015: 41	457bc: Costa et al., 2015:	loci: Oliveira et al., 2016: 102 samples, 7 loci	2016All did FST and PhiS	review/:Costa et al.	difference in # o	Accentinian color	WSA (also has 31 ENP. 23 ENA, and 20 ESA		counts, (truncatus) 62-			truncatus and erohyreusOtt	information here. See also	Accepting Gan Matias	Brazil, Urusuay - must Fey n 0.25 significant, mtONA	prohyteus (coastal) forms	2016: Concludes subspecies for offshore and coastal clusters
		Brasil current but also	currents and water	learning transferrers	2016-78 solut shull We kerter		Investal Erest et al. 2016; 134	41 samples 216hr Erest			2016 has table wit	heath in	cathering pata at al.	20 exemptric membranetrics (63 landmark		68 (earthcrast) 52.58			et al. 2016 Elterature review	Eaust 2017 workshop report	Griff Name Griff)	A20 av latero has exclude transforming 0 a 12/00/123	hetween 25 65 and 219MSrkeet e	withdate characteristics offshere: shorter skulls more
		influenced by the colder	temperature coastaly		al 2016: 122 samples in the		coastal and 45 offshore Oliveira	at al. 2017: 45 samples			mean nements of	mailsWirkert	stanson 2005 Is to	12 semilandmarks) DCA DGAOH et al. 201	6	Wirkert et al. 2016						Armentine = 0.27 (must ECT) & 0.4 (mit16) & ECT. Ph(ST)	al 2016: mechanism tune more	vertebras, no 90 à querian for skulls or skaletons. Offshore
		portherly flowing Malvinas	offshore coastaly estuarine		final anabais		et al. 2016-100 caracter	ASThey Official at al.			hody lengths from	2016: no similar	ant difference in	495-621cm from Elterature review) Barret		63-64 (hurratur) 52-						similicant. No shared basistures between the 2 ecotures i	restricted in range - coastal	individuals are smaller and have more smaller undebrase
		Current, with the two mixing	continental shelf width					2016: 109 samples, 216bp			four morraphic	difference in to	ath coloration between	2000: 81(7) samples, 58 measurements and	1	S9 (archineus)						Frank but no parioron al monophulu althor fileaire et al	waters of southern Brazil.	Summents parapatric coastal/off-shore distributions for truncatus
		around the northern border of									regions. Coastal fo	m counts between	offshore and	17 meriatic measuresWickert et al., 2016;								2026: Saint Paul's rocks, NE Brazil, mid-southern Brazil	Urupury, porthern	and erohyreusHohl et al., 2016: diamostic differences in maxillas
		Armetica									in WSA simificantly	offshore and	coastalsFruet et al.	280 skulls (total nr 144 truncatus:136								IBC/RSI distinct moups, mtDNA FST/PhiST = 0.3, must FST =	AccessionaCosta et al., 2016;	shape between truncatus and expheneus - conclude valid PSC
											longer than offshore	es coastalsBarreto	2017: suggests	gephyreux; 139 complete adult skulls for								0.09. But Structure analysis (with location prion) indicates a	suggest coastal shelf habitat and	species; But 2D geomorphometric analysis of truncatus versus
											from WSA	2000: suggests	difference between	PCA; 54 characters, 29 measurements, PCA	L							number of admixed individuals of the two subspecies for	warmer water for gephyneus.	geptyreus had overlap of the two groups for all three views
												difference in # o	offshore and coastals	CVA								some animals that had been identified to subspecies based	gephyreus range suggested to be	(donal, ventral, lateral/Wickert et al., 2016: No PCA overlap
												teeth in N and S										on skull morphology	limited in south by cold Malvinas	between truncatus and gephyneus, & diagnostic characters.
												animals											current.	Concludes species-level differences for truncatus versus
																								gephyreus based on Phylogenetic Species concept: 1 diagnostic
																								character of skull separated them, plus vertebral count
ENP	US and Mexico west	Narrow continental shelf in	1	Perrin et al., 2011: Coastal and	Peerin et al., 2011: 139 skulls;	Segura et al.,	Lowther-Thieleking et al.,	mtDNA cr:Lowther-	msatLowther-Thieleking et al., 2015:15	Lowther et al., 2015: FS	, Walker, 1981:	Perrin et al., 20	11: 61	Perin et al., 2011: (builds on Walker 1981)	Morteo et al., 2017:	1		Walker, 1981:	Walker, 1981: Differences in			Significant differentiation between offshore and coastal at		Perrin et al., 2011: PCA ellipses non-ovelappping for coastal vs.
	coasts, Gulf of	ENP, broad shelf in Gulf of		offshore populations	study expanded from Walker	pers.comm.: 60	2005: 64 coastal and 69	Thieleking et al., 2015:	loci, significant differentiation between CA	PhIST, median joining	sexually mature ma	les coastal, 21 offsi	hore,	mature 34 coastal, 21 offshore, 23 of 28	30 each from Pacific,			different prey	the incidence of 5 common			both mtDNA and msats		offshore; diagnosability of adult skulls based on cranial
	California	Mexico; coastal dolphins		identified, Lowther-Thieleking	1981; Morteo et al., 2017: 533	3 samples for stable	offshore samples, mtDNA and	402 bp differentiation	offshore and CA coastal. Segura et al.,	network, Structure. Segu	ra in offshore	differences in u	pper	measurements differed between coastal	Gulf of California and			composition SCB	marine mammal parasites					characters = 96.4%; Px0.05 for dorsal fins between 3 areas
		generally cikm from shore,		et al., 2015: difference	dorsal fins	isotopes	microsate; Segura et al., pers.	between coastal and	pers.comm.: Bloci, genetic differentiation	et al., 2006 &	populations have	and lower		and offshore, most differences were in	Gulf of Mexico.			coastal v ETP offshore.	between coastal and					(Pacific coast, Guif of California, Guif of Mexico)
		omunare >++kin train share		between main coast and Gulf			comm: 250 tampies for method,	offshore south california	between most strata of coastairy, offshore;	pers.comm2_FST, PhST,	smaller body lengtr	socencounts be	sween.	characters associated with feeding, offsho	re vanabon in domai nin			Coalital - croakers and	orrunore					
		(overlap pocudie in some		di California. Coastal			hr246 mcrosatellars	align (sca). Also sca	general separation in assignment and	SOLCERR, PLA	than coastal dolpha	is coasta and		teast arger in 15 of 20 measures,	shape but appeared			perches, orrange -						
		areasty		population moderate isanos				all share and Coll of	Granassen analysis		in an	1001-teach	·	anagenerative of an and an and an and an	C III III			eppenge normalia						
				(name)				College and the second			free sectory mature	hand alternation in		cranal craracters - participation, 2002.				Ceptanyous						
								offshore: 1 shared			Gut carrola sites	seconds coarts		the offshore ETP and the offshore SCB										
								haplotype between			inadequate to asse	a from both (SCR	and	dolphins than either was to the CA and										
								coastal and offshore SCR.			and within offshore	ETP) offshore		Mexico coastal dolphins										
								Serura et al., 2006 &			SCB sample there w	85												
								pers.comm.: 490bps			selection for smalle	e .												
								significant differences			animals during live-													
								between most strata			capture efforts													
								representing offshore v.																
								coastal ecotype; also																
								some differences between																
								itrata within ecctype																
430	Colombia, Ecuador,	Humboldt current flows north		And	van waenoeek et al., 1990:	1	Sanano et al., 2008: samples	Sanino et al., 2006: 331	Sanino et al., 2008	sanino et al., 2008 no	1	van wiserebeel	6. 	van waenoeek, 1990: number too small	Heax et al., 2017: Pod	1			Sanceun et al., 2005:		van waerebeek, 1990:	Peru/insnore no snared napiotypes; Peru/offshore 1 shared		1
	Peru, Chile	along the western coast of			tealt: 15 ortunore, 4 coasta;		Hom Chae aminore (a), yeau	op control region; asyst-	phylogenetic tree n	hanayulaayas-kea ee al.		1990: sversge 1	een	for itabilitical analysis or issuitsareatan ee	and ottanois - tall,				Crassicauda lesions scuador		coastal group use average	rapotype; Chievynstone to shared hapotypes; Chieven a shared hardshare. Ranae Ras et al. 2017;		
		1,000 hm (210,620 m)			inchange 33 officience fails at all		Endly Chile 20, Personalities (a),	from 7 mt/hit loal	specify produces.	Contract of the second se		ACC OC allaba		all, and PCK my weak support for	cheat triangles from				perchange and the second second		u.s, utilitare purp sae	charge date for all investigate when Coll of Community Coll.		
		allohan The second estands			2017 Foundary 120 second 14	~	al 2017 Country 11 Marries	Ingen / Income loca		coorganges comparies. No		a.up-9.0, 91110		Annual and a second second second second	intert, orangear rest,				Perspectation (12.300) Vall		anerage 23	share which an interpretative order of an of our page party		
		from southern Chile to	1		offshore: Penz: 9 coastal, 51		linner Gulf of Guavaguil, 1			inner estuary somewhat	·			published)	difference between	1	1		Loborrycosis-like disease			Galagaros plus one inner GG within workwide clade of	1	1
		nothern Peru where cold.	1		offshore: Chile (PodR) 25	1	biposy (Galapaeps), 22 stranded			distinct mtDNA sequence	es	1			offshores	1	1		Parracoccidiodes			published T truncatus sequences, only inner Gulf of	1	1
		upwelled waters intersect	1		coastalSantillan et al., 2005;	1	specimens (outer coast). Guil of					1		1		1	1		brasiliensis) found in coastal			Guavaguil compared. No resolution between sites, inner	1	1
		warm tropical waters to form	1		Ecuador+12, Perun39	1	Guayaquil				1	1		1	1	1	1		but not in offshore speciment			estuary somewhat distinct from mtDNA sequences	1	1
		the Equatorial Front. Three	1			1	1				1	1		1	1	1	1		(Peru, Columbia, Ecuador),				1	1
		notably productive upwelling	1			1	1				1	1		1	1	1	1		pale dermititis in coastal but				1	1
		subsystems are produced by	1			1	1				1	1		1	1	1	1		not affshare specimens				1	1
		this current: 8 seasonal	1			1	1				1	1		1	1	1	1		(Penu)				1	1
		upwelling in Chile, i) upwelling				1	1				1	1		1	1	1	1						1	1
		"shadow" (less productive, but				1	1				1	1		1	1	1	1						1	1
		still large) in northern Chile and	đ			1	1				1	1		1	1	1	1						1	1
		Southern Penu, and II) year-	1			1	1				1	1		1	1	1	1						1	1
		round upwelling in Peru.																						