

Supplementary Table S2. Detailed results from analysis of yarns from Paracas Necropolis samples collected in 1985 by Anne Paul at the MNAHP in Lima, Peru.

Paul's sample numbers	Object description and samples	DART NEG	DART POS	Fiber composition (OM, unless otherwise noted)	PS-MS	HPLC	Interpretation
Cave #5 12-5236 0093	<i>Cloth (oldest)</i>						
	yellow	(iso)kaempferol/luteolin methyl ether; hydroxybenzoic acids	not run	cellulose (FTIR)	methyl gallate, apigenin/sulfuretin/emodin (271), apigenin methyl ether/phycion (285), okanin methyl ether/lanceolitin (303.08)	no significant peaks; traces of apigenin and luteolin?	Decomposed flavonoid
310-58C 02912	<i>Decorative border</i>						
	orange	purpurin, hydroxybenzoic acids	nothing identified	protein	palasitrin, rutin	purpurin	Relbunium, possibly with decomposed flavonols
382-10 05904	<i>Mantle, loose threads</i>						
	green	indigotin/indirubin, luteolin/kaempferol? (285), luteolin methyl ether/leptosidin/rhamnocitrin? (299), hydroxybenzoic acids	not run	protein	indigotin/indirubin, caffeic acid, luteolin/kaempferol? (287)	indigotin, indirubin, luteolin-like	Indigo + flavonoid yellow
382-45 02763	<i>Skirt, loose threads and fibers</i>						
	orange	purpurin, munjistin, rubiadin; hydroxybenzoic acids	not run	protein	nothing detected	purpurin	Relbunium, possibly with decomposed flavonols
382-48 01017	<i>Skirt fringe</i>						
	blue	indigotin/indirubin	not run	protein	indigotin/indirubin; chlorogenic acid?	indigotin and indirubin	Indigo
	black (actually purple)	indigotin/indirubin; purpurin, xanthopurpurin/alizarin, rubiadin, munjistin	not run	protein	indigotin/indirubin; gallic acid?	purpurin, indigotin, indirubin, rubiadin	Indigo + Relbunium
382-49 (23808) 03174	<i>Skirt ground cloth</i>						
	orange	purpurin, munjistin, pseudopurpurin, xanthopurpurin/alizarin, lucidin, rubiadin; apigenin/sulfuretin/emodin (269), chrysophanol (253), sideritiflavone/jaceidin/centaureidin? (359), luteolin/kaempferol? (285), hydroxyluteolin/quercetin (301)	not run	cellulose (FTIR)	caffeic acid, hydrojuglone?	purpurin, no yellows	Relbunium + flavonoid yellow

382-54 02846	<i>Turban, loose threads</i>						
	gold	gallic acid, luteolin/kaempferol/ maritimetin (285), luteolin methyl ether? (299), caffeic acid, okanin, butein, methyl gallate; hydroxybenzoic acids	luteolin/kaempferol/ maritimetin (287)	protein	luteolin/kaempferol/maritimetin (287), okanin	luteolin, luteolin-like, okanin, butein	Bidens
	blue/black (actually green)	indigotin/indirubin	not run	protein	indigotin/indirubin; caffeic acid	indigotin, indirubin, purpurin (tr, contam?)	Indigo
	blue/green (ground cloth)	indigotin/indirubin	indigotin/indirubin	protein	caffeic acid, indigotin/indirubin	IND, INR, no yellows detected	Indigo
382-68 02929	<i>Poncho</i>						
	purple braid	indigotin/indirubin; purpurin, munjistin	indigotin/indirubin	protein	indigotin/indirubin; caffeic acid	purpurin, indigotin, indirubin	Indigo + Relbunium
	green ground cloth	indigotin/indirubin; eupalitin/betuletol/dimethoxyapigenin (329), gardenin D (373), eupatorin/cirsilineol (343); hydroxybenzoic acids	not run	protein	eupatorin/cirsilineol (345), gardenin D (375), eupalitin/betuletol/ dimethoxyapigenin (331)	indigtotin, indirubin, unique distribution of flavonoid-like peaks	Indigo + flavonoid yellow
382-72 02519	<i>Skirt</i>						
	red embroidery threads	purpurin, munjistin, rubiadin, pseudopurpurin	not run	protein	caffeic acid	purpurin	Relbunium
	black skirt fringe	indigotin/indirubin; purpurin	not run	cellulose/protein (FTIR)	caffeic acid, 255 (RU?),	indigotin, indirubin	Indigo + Relbunium
421-39 03083	<i>Mantle, loose fibers</i>						
	red	purpurin, xanthopurpurin/alizarin, rubiadin	not run	protein	nothing detected	purpurin, rubiadin, indirubin, indigotin (contamination?)	Relbunium
421-132 02096	<i>Disintegrated fibers</i>						
	brown	luteolin/kaempferol/ maritimetin (285), luteolin methyl ether/leptosidin/ rhamnocitrin? (299), apigenin/sulfuretin/emodin (269), hydroxyluteolin/quercetin/morin (301), (iso)rhamnetin/quercetin methyl ether (315), okanin, butein, gardenin D? (373), salvigenin? (327)	not run	cellulose/protein (FTIR)	caffeic acid, luteolin/kaempferol/maritimetin (287)	butein (trace)?	Bidens+Baccharis?