

**Art & Architecture Thesaurus (AAT) Associative Relationships Revised 27 October 2015**

fcode	icode	domain (C1)	LOD frel	range (C2)	LOD irel	Editor frel - From C1 to C2	Editor irel - From C2 to C1	fexample	iexample
2000		any	related to	any		any - related to - any	same	<i>[generic relationship, not explained] gulf red is related to light red (pigment)</i>	<i>light red (pigment) is related to gulf red</i>
2001		any	formerly referred to	any		any - formerly referred - any	same	<i>gigues formerly referred to fiddles</i>	<i>fiddles formerly referred to gigues</i>
2100		any	distinguished from	any		any - distinguished from - any	same	<i>historic farms are distinguished from abandoned farms; naive art is distinguished from outsider art</i>	<i>abandoned farms are distinguished from historic farms; outsider art is distinguished from naive art</i>
2110		any	meaning/usage overlaps with	any		any - meaning/usage overlaps with - any	same	<i>chimney hoods has meaning/usage that overlaps with chimney caps; scribes has meaning/usage that overlaps with copyists</i>	<i>chimney caps has meaning/usage that overlaps with chimney hoods; copyists has meaning/usage that overlaps with scribes</i>
2203	2203	activity/event	associated with	activity/event		activity/event/[process/ function] - [is] associated with - activity/event/[process/ function]	same	<i>Easter is associated with Lent; cavalry exercises are associated with dressage</i>	<i>Lent is associated with Easter; dressage is associated with calvary exercises</i>
2205	2206	activity/event	causes/is required	activity/event	caused by/requires	activity/event/[process/ function] - causes/is required for - activity/event/[process/ function]	activity/event/[process/ function] - [is] caused by/dependent upon - activity/event/[process/ function]	<i>on-demand printing causes/ is required for on-demand publishing; preserving causes/is required for preservation</i>	<i>on-demand publishing is caused by/requires on-demand printing; preservation is caused by/requires preserving</i>
2208	2209	locus/setting	locus/setting for	things	used/located in	locus/setting - [is] locus/setting for - things	things - used/located in - locus/setting	<i>glassworks (buildings) are the locus/setting for glassware; caves are the locus/setting for cave paintings</i>	<i>glassware is used/located in glassworks (buildings); cave paintings are used/located in caves</i>

2211	2212	things	produce	things	produced by	things/[equipment] - produce - things	things - [are] produced by - things/[equipment]	<i>stereoscopic cameras</i> produce <i>stereoscopic photographs</i> ; <i>punches (marking tools)</i> produce <i>punchwork</i>	<i>stereoscopic photographs</i> are produced by <i>stereoscopic cameras</i> ; <i>punchwork</i> is produced by <i>punches (marking tools)</i>
2215	2216	things	required for	things	require	things - [are] required for - things	things - require - things [in order to exist or work]	<i>eyelets</i> are required for <i>broderie anglaise</i> ; <i>compact discs</i> are required for <i>compact disc players</i>	<i>broderie anglaise</i> requires <i>eyelets</i> ; <i>compact disc players</i> require <i>compact discs</i>
2218	2219	things	used/function as	things	have form	things - [are] used/function as - things	things - have form [of] - things	<i>arc lamps</i> are used/function as <i>lighthouse lamps</i> ; <i>toile peinte</i> is used/function as <i>cartoons (working drawings)</i>	<i>lighthouse lamps</i> have the form of <i>arc lamps</i> ; <i>cartoons (working drawings)</i> have the form of <i>toile peinte</i>
2221	2222	role	act upon	genus/species	are acted upon	[actors having] role - act upon - genus/species	genus/species - is acted upon [by] - [actors having] role	<i>jockeys</i> act upon <i>Equus caballus(species)</i> ; <i>tappers</i> act upon <i>Acer saccharum(species)</i>	<i>Equus caballus(species)</i> is acted upon by <i>jockeys</i> ; <i>Acer saccharum(species)</i> is acted upon by <i>tappers</i>
2281		role	have counterpart	role		role -[is] counterpart to - role	same	<i>duchesses</i> have counterpart <i>dukes</i> ; <i>godesses</i> have counterpart <i>gods</i>	<i>dukes</i> have counterpart <i>duchesses</i> ; <i>gods</i> have counterpart <i>godesses</i>
2285	2286	field/discipline	practiced/ studied by	role	practice/study	field [of study, genre]/ discipline - [is] practiced/studied by - a role	[actor having] role - practice/study - field [of study, genre]/ discipline	<i>Egyptology</i> is practiced/studied by <i>Egyptologists</i> ; <i>architectural history</i> is practiced/studied by <i>architectural historians</i>	<i>Egyptologists</i> practice/study <i>Egyptology</i> ; <i>architectural historians</i> practice/study <i>architectural history</i>
2291	2292	locus/setting	locus/setting for	role	work/live in	locus/ setting - [is] locus setting for - [actor or institution having] role	[actor or institution having] role - work/live/ [exist] in locus/setting	<i>roperies</i> are the locus/setting of <i>rope-makers</i> ; <i>convents (built complexes)</i> are the locus/setting of <i>nuns</i> ; <i>libraries (buildings)</i> are the locus/setting of <i>libraries (institutions)</i>	<i>rope-makers</i> live/work in <i>roperies</i> ; <i>nuns</i> live/work in <i>convents (nunneries)</i> ; <i>libraries (institutions)</i> live/work in <i>libraries (buildings)</i>
2294	2295	locus/setting	locus/setting for	locus/setting	located in	locus/ setting - [is] locus setting for - locus/setting	locus/ setting - [is] located in - locus/setting	<i>nations</i> are the locus/setting for <i>national capitals</i> ; <i>mountain ranges</i> are the locus/setting for <i>mountains</i>	<i>national capitals</i> are located in <i>nations</i> ; <i>mountains</i> are located in <i>mountain ranges</i>

2311	2312	activity/event	performed by	role	perform	activity/event/ [process/ function] - [is] performed by -	[actors having] a role - perform - activity/event/	<i>clockmaking</i> is performed by <i>clockmakers</i> ; <i>curating</i> is performed by <i>curators</i>	<i>clockmakers</i> perform <i>clockmaking</i> ; <i>curators</i> perform <i>curating</i>
2315	2316	material	used by	role	use	material - [is] used by - [actor having] role	[actors having] role - use - material	<i>precious stone</i> is used by <i>lapidaries</i> ; <i>brass (alloy)</i> is used by <i>braziers</i> ( <i>metalworkers</i> )	<i>lapidaries</i> use <i>precious</i> <i>stone</i> ; <i>braziers</i> ( <i>metalworkers</i> ) use <i>brass</i> ( <i>alloy</i> )
2318	2319	role	involved in	activity/event	involves	[actors having] role - [are] involved - activity/event	activity/event - involves - [actors having] role	<i>bridegrooms</i> are involved in <i>weddings</i> ; <i>martyrs</i> are involved in <i>martyrdoms</i>	<i>weddings</i> involve <i>bridegrooms</i> ; <i>martyrdoms</i> involve <i>martyrs</i>
2321	2322	things	used by	role	use	things/equipment - [are] used by - [actors having] role	[actors having] role - use - things/equipment	<i>violoncellos</i> are used by <i>violoncellists</i> ; <i>surveying</i> <i>instruments</i> are used by <i>surveyors</i>	<i>violoncellists</i> use <i>violoncellos</i> ; <i>surveyors</i> use <i>surveying instruments</i>
2325	2326	things	created by	role	create	things - [are] created by - [actors having] role	[actors having] role - create - things	<i>drawings</i> are created by <i>draftsmen</i> ; <i>poems</i> are created by <i>poets</i>	<i>draftsmen</i> create <i>drawings</i> ; <i>poets</i> create <i>poems</i>
2328	2329	role	involved with	things	involves	[actors having] role - [are] involved in- things	things - involve - [actors having] role	<i>sitters</i> are involved with <i>portraits</i> ; <i>actors (performing</i> <i>artists)</i> are involved with <i>motion pictures (visual works)</i>	<i>portraits</i> involve <i>sitters</i> ; <i>motion pictures (visual</i> <i>works)</i> involve <i>actors</i> ( <i>performing artists</i> )
2332	2333	role	affiliated with	role	have affiliates	[actors having] role - [are] affiliated with - role [organization]	role [organizations] - have affiliates - [actors having] role	<i>students</i> are affiliated with <i>schools (organizations)</i> ; <i>dukes</i> are affiliated with <i>duchies</i>	<i>schools (organizations)</i> have as affiliates <i>students</i> ; <i>duchies</i> have as affiliates <i>dukes</i>
2335	2336	role	associated with	style/period/ culture	has associates	[actors having] role - [are] associated with - style/period/ culture/ [religion/ ideology]	style/period/ culture/ [religion] - has associates - [actors having] role	<i>abstract artists</i> are associated with <i>Abstract (fine arts style)</i> ; <i>popes</i> are associated with <i>Roman Catholicism</i>	<i>Abstract (fine arts style)</i> has associates <i>abstract artists</i> ; <i>Roman Catholicism</i> has associates <i>popes</i>
2397	2398	any	focus of	field/discipline	focuses on	any - [is] focus of - field [of study]/discipline	field [of study]/discipline - focuses on - any	<i>manuscripts</i> are the focus of <i>codicology</i> ; <i>music</i> is the focus of <i>musicology</i> ; <i>Plantae</i> ( <i>kingdom</i> ) is the focus of <i>botany</i>	<i>codicology</i> focuses on <i>manuscripts</i> ; <i>musicology</i> focuses on <i>music</i> ; <i>bontany</i> focuses on <i>Plantae</i> ( <i>kingdom</i> )
2408	2409	locus/setting	locus/setting for	field/discipline	takes place in	locus/setting - [is] locus/setting for - field of study/discipline	field of study/discipline - takes place in - locus/setting	<i>schools (buildings)</i> are the locus/setting for <i>education</i> ; <i>hospitals (buildings)</i> are the locus/setting for <i>medicine</i> ( <i>discipline</i> )	<i>education</i> takes place in <i>schools (buildings)</i> ; <i>medicine (discipline)</i> takes place in <i>hospitals</i> ( <i>buildings</i> )

2411	2412	activity/event	involved in	field/discipline	involves	activity/event/ [process/ function] - [is] involved in - field/discipline	field/discipline - involves - activity/event/ [process/ function]	<i>journalistic photography</i> is involved in <i>photojournalism</i> (discipline); <i>gardening</i> is involved in <i>horticulture</i>	<i>photojournalism (discipline)</i> involves <i>journalistic</i> <i>photography</i> ; <i>horticulture</i> involves <i>gardening</i>
2415	2416	material	required for	activity/event	requires	material - [is] required for - activity/event/ [process/ function]	activity/event/ [process/ function] requires - material	<i>dye</i> is required for <i>dying</i> ; <i>pewter</i> is required for <i>pewtersmithing</i>	<i>dying</i> requires <i>dye</i> ; <i>pewtersmithing</i> requires <i>pewter</i>
2418	2419	field/discipline	uses	things	used for	field [of study]/ discipline - uses - things/ [equipment]	things/ [equipment] - [are] used for - field [of study]/ discipline	<i>astronomy</i> uses <i>astronomical</i> <i>instruments</i> ; <i>divination</i> [discipline] uses <i>divination</i> <i>objects</i>	<i>astronomical instruments</i> are used for <i>astronomy</i> ; <i>divination objects</i> are used for <i>divination</i> [discipline]
2421	2422	locus/setting	locus/setting for	activity/event	takes place in	locus/setting - [is] locus/setting for - activity/event/ [process/ function]	activity/event/ [process/ function] takes place in - locus/setting	<i>smelters (metalworking</i> <i>plants)</i> are the locus/setting for <i>smelting</i> ; <i>pilgrimage</i> <i>centers</i> are the locus/setting for <i>pilgrimages</i>	<i>smelting</i> takes place in <i>smelters (metalworking</i> <i>plants)</i> ; <i>pilgrimages</i> take place in <i>pilgrimage centers</i>
2424	2425	material	produced by	activity/event/ process	produces	material - [is] produced by - activity/ event/process	activity/event/ process - produces - material	<i>wire</i> is produced by <i>wiredrawing</i> ; <i>paper</i> is produced by <i>papermaking</i>	<i>wiredrawing produces wire</i> ; <i>papermaking produces</i> <i>paper</i>
2427	2428	things	produced by	activity/event/ process	produces	things - [are] produced by - activity/ event/process	activity/event/ process - produces - things	<i>vase paintings (visual works)</i> are produced by <i>vase painting</i> ( <i>image making</i> ); <i>forgeries</i> are produced by <i>forging (copying)</i>	<i>vase painting (image</i> <i>making)</i> produces <i>vase</i> <i>paintings (visual works)</i> ; <i>forging (copying)</i> produces <i>forgeries</i>
2431	2432	things	required for	activity/event/ process	requires	things/equipment - [are] required for - activity/event/ process	activity/event/ process - requires - things/equipment	<i>painting equipment</i> is required for <i>painting (image making)</i> ; <i>dowels</i> are required for <i>doweling</i>	<i>painting (image making)</i> requires <i>painting</i> <i>equipment</i> ; <i>doweling</i> requires <i>dowels</i>
2434	2435	things	contextualized in	activity/event/ process	context for	things - [are] context for - activity/event/ process	activity/event/ process - [is] contextualized in - thing	<i>funeral books</i> are contextualized in <i>funerals</i> ; <i>Christmas trees</i> are contextualized in <i>Christmas</i>	<i>funerals</i> are the context for <i>funeral books</i> ; <i>Christmas</i> is the context for <i>Christmas</i> <i>trees</i>
2501	2502	things	made of/require	material	material for	things - [are] made of/require - material	material - [is] material for - things	<i>obsidian mirrors</i> are made of/require <i>obsidian</i> ; <i>ivories</i> ( <i>sculptures</i> ) are made of/require <i>ivory</i>	<i>obsidian</i> is material for <i>obsidian mirrors</i> ; <i>ivory</i> is material for <i>ivories</i> ( <i>sculptures</i> )

2504	2505	material	used/located in	locus/setting	locus/setting for	material - [is] used/located in - locus/setting	locus/setting - [is] locus/setting for - material	<i>tephra</i> is used/located in [at] <i>volcanoes</i> ; <i>brick (clay product)</i> is used/located in <i>brickworks (factories)</i>	<i>volcanoes</i> are locus/setting for <i>tephra</i> ; <i>brickworks (factories)</i> are locus/setting for <i>brick (clay product)</i>
2507	2508	things	produce/process	material	produced/processed by	things/ [equipment] - produce/process - material	material - [is] produced/ processed by - things/ [equipment]	<i>cotton (fiber)</i> is produced/processed by <i>cotton gins</i> ; <i>groundwater</i> is produced/processed by <i>water wells</i>	<i>cotton gins</i> produce/process <i>cotton (fiber)</i> ; <i>waterwells</i> produce/process <i>groundwater</i>
2551	2552	things	reflect/produced by	style/period/ culture	reflected in/produces	things - reflect/[are] produced by - style/period/ culture/ [religion/ ideology]	style/period/ culture/ [religion/ ideology] - [is] reflected in/produces - things	<i>Nasca lines</i> reflect/are produced by <i>Nasca</i> [culture]; <i>Judaica</i> reflects/is produced by <i>Judaism</i>	<i>Nasca</i> [culture] produces/is reflected in <i>Nasca lines</i> ; <i>Judaism</i> produces/is reflected in <i>Judaica</i>
2554	2555	activity/event	reflects	style/period/ culture	reflected in	activity/event - reflects - style/period/ culture /[religion/ ideology]	style/period/ culture /[religion/ ideology] - [is] reflected in activity/event	<i>dhokra (casting technique)</i> reflects <i>Dhokra (culture)</i> ; <i>red-figure vase painting</i> reflects <i>Red-figure</i> [style]	<i>Dhokra (culture)</i> is reflected in <i>dhokra (casting technique)</i> ; <i>Red-figure</i> [style] is reflected in <i>red-figure vase painting</i>
2557	2558	field/discipline	reflects	style/period/ culture	reflected in	field/discipline - reflects - style/period/ culture /[religion/ ideology]	style/period/ culture /[religion/ ideology] - [is] reflected in field/discipline	<i>bugatu</i> [dance discipline] reflects <i>Buddhism</i> ; <i>church history</i> reflects <i>Christianity</i> ; <i>classics (discipline)</i> reflects <i>Ancient Greek</i> [culture]	<i>Buddhism</i> is reflected in <i>bugatu</i> [dance discipline]; <i>Christianity</i> is reflected in <i>church history</i> ; <i>Ancient Greek</i> [culture] is reflected in <i>classics (discipline)</i>
2562	2563	locus/setting	locus/setting for	style/period/ culture	located in	locus/setting - [is] locus/setting for - style/period/ culture/ [religion/ ideology]	style/period/ culture/ [religion/ ideology] - is located/ [reflected] in - locus/setting	<i>First Nations reserves</i> are the locus/setting for <i>First Nations (culture)</i> ; <i>agraharas</i> are the locus/setting for <i>Brahmanism</i>	<i>First Nations (culture)</i> is located/reflected in <i>First Nations reserves</i> ; <i>Brahmanism</i> is located/reflected in <i>agraharas</i>
2601	2602	attributes / associated concepts	possessed by/existing in	role	possess/exist in	attributes / associated concepts - [is] possessed by/existing in - role [of actors]	role [of actors] - possess/exist in - attributes / associated concepts	<i>adulthood</i> is possessed by/existing in <i>adults</i> ; <i>nomadism</i> is possessed by/existing in <i>nomads</i>	<i>adults</i> possess/exist in <i>adulthood</i> ; <i>nomads</i> possess/exist in [state of] <i>nomadism</i>
2604	2605	attributes / associated concepts	possessed by/existing in	things	possess/exist in	attributes / associated concepts - [is] possessed by/existing in - things	things - possess/exist in - attributes / associated concepts	<i>boudoir (photograph size)</i> is possessed by/existing in <i>boudoir photographs</i> ; <i>ruined</i> [condition] is possessed by/existing in <i>ruins</i>	<i>boudoir photographs</i> possess/exist in <i>boudoir (photograph size)</i> ; <i>ruins</i> possess/exist in <i>ruined</i> [condition]

2607	2608	attributes / associated concepts	caused by/requires	activity/event	causes/ required for	attributes / associated concepts - [is] caused by/requires - an activity/ event/ [process/ function]	activity/event/ [process/ function] causes/[is] required for - [a] state/condition/ attributes	<i>watertightness</i> is caused by/requires <i>waterproofing</i> ; <i>creases (condition)</i> is caused by/requires <i>creasing (process)</i>	<i>waterproofing</i> causes/is required for <i>watertightness</i> ; <i>creasing (process)</i> causes/is required for <i>creases (condition)</i>
2612	2613	attributes / associated concepts	possessed by/existing in	material	possess/exist in	attributes / associated concepts - is possessed by/existing in - material	material - possesses/exists in - condition/ state/ [property]	<i>dry rot</i> is possessed by/ existing in <i>wood(plant material)</i> ; <i>dielectric properties</i> are possessed by/ existing in <i>dielectric (material)</i>	<i>wood(plant material)</i> possesses/ exists in [condition of] <i>dry rot</i> ; <i>dielectric (material)</i> possesses/exists in <i>dielectric properties</i>
2801		things	conjoined with	things		things - [are] conjoined with - things	same	<i>cups</i> are conjoined with <i>saucers</i> ; <i>dining tables</i> are conjoined with <i>dining chairs</i>	<i>saucers</i> are conjoined with <i>cups</i> ; <i>dining chairs</i> are conjoined with <i>dining tables</i>
2802	2803	material	exemplified by	brand name	example of	material - [is] exemplified by - brand name	brand name - [is] example of - material	<i>petroleum jelly</i> is exemplified by <i>Vaseline (TM)</i> ; <i>polytetrafluoroethylene</i> is exemplified by <i>Teflon (TM)</i>	<i>Vaseline (TM)</i> is an example of <i>petroleum jelly</i> ; <i>Teflon (TM)</i> is an example of <i>polytetrafluoroethylene</i>
2805	2806	things	contextualized in	things	provide context	[smaller] things - [are] contextualized in - [larger] things	[larger] things - provide context [for] - [smaller] things	<i>predellas</i> are contextualized in <i>altarpieces</i> ; <i>chapters</i> are contextualized in <i>books</i>	<i>altarpieces</i> provide context for <i>predellas</i> ; <i>books</i> provide context for <i>chapters</i>
2807		material	derived from common source	material		material - [is] derived from common source [as] - material	same	<i>malachite (mineral)</i> is derived from common source with <i>azurite (mineral)</i> ; <i>mustard(material)</i> is derived from common source with <i>mustard oil</i>	<i>azurite (mineral)</i> is derived from common source with <i>malachite (mineral)</i> ; <i>mustard oil</i> is derived from common source with <i>mustard (material)</i>
2809		style/period/ culture	coexisted with	style/period/ culture		style/period/ culture/ [religion/ ideology] - coexisted with - style/period/ culture/ [religion/ ideology]	same	<i>Sangoan</i> coexisted with <i>Fauresmith</i> ; <i>Early Minoan</i> coexisted with <i>Prepalatial</i>	<i>Fauresmith</i> coexisted with <i>Sangoan</i> ; <i>Prepalatial</i> coexisted with <i>Early Minoan</i>

2811	2812	style/period/ culture	preceded	style/period/ culture	followed	style/period/ culture/ [religion/ ideology] - preceded - style/period/ culture/ [religion/ ideology]	style/period/ culture/ [religion/ ideology] - followed - style/period/ culture/ [religion/ ideology]	<i>Impressionist</i> preceded <i>Abstract Impressionist</i> ; <i>Acheulian</i> preceded <i>Micoquian</i>	<i>Abstract Impressionism</i> followed <i>Impressionist</i> ; <i>Micoquian</i> followed <i>Acheulian</i>
2814	2815	material	constituent of	material	composed of	material - [is] constituent of - material	material - [is] composed of - material	<i>titanium white</i> is a constituent of <i>composite white</i> ; <i>iron oxide</i> is a constituent of <i>desert</i> <i>varnish</i>	<i>composite white</i> is composed of <i>titanium white</i> ; <i>desert varnish</i> is composed of <i>iron oxide</i>
2817	2818	material	derived/made from	material	source for	material - [is] derived/ made from - material	material - [is] source for - material	<i>gypsum</i> is derived/made from from <i>anhydrite</i> ; <i>wood board</i> is derived/made from <i>timber</i> <i>(lumber)</i>	<i>anhydrite</i> is the source for <i>gypsum</i> ; <i>timber (lumber)</i> is the source for <i>wood board</i>
2821	2822	any	based on	any	basis of	any - [is] based on - any	any - [is] basis of - any	<i>Neo-Gothic</i> is based on <i>Gothic (Medieval)</i> ; <i>curved</i> [form attribute] is based on <i>curves (geometric figures)</i> ; <i>pencils</i> are based on <i>plummets</i>	<i>Gothic (Medieval)</i> is the basis of <i>Neo-Gothic</i> ; <i>curves (geometric figures)</i> are the basis of <i>curved</i> [form attribute]; <i>plummets</i> are the basis of <i>pencils</i>
2824		style/period/ culture	has parallels with	style/period/ culture		style/period/ culture/ [religion/ ideology] - has parallels with - style/period/ culture/ [religion/ ideology]	same	<i>Lagozza</i> [culture] has parallels with <i>Chasseen</i> [culture]; <i>Gnathian (pottery style)</i> has parallels with <i>West Slope</i> <i>(pottery style)</i>	<i>Chasseen</i> [culture] has parallels with <i>Lagozza</i> [culture]; <i>West Slope</i> <i>(pottery style)</i> has parallels with <i>Gnathian (pottery style)</i>
2826		material	used with	material		material - [is] used with - material	same	<i>watercolor paper</i> is used with <i>watercolor (paint)</i> ; <i>arriccio</i> is used with <i>intonaco</i>	<i>watercolor (paint)</i> is used with <i>watercolor paper</i> ; <i>intonaco</i> is used with <i>arriccio</i>
2828	2829	things	use/require	material	used/required for	things - use/require - material	material - [is] required/used for - things	<i>oil paintings</i> use/require <i>varnish</i> ; <i>wine glasses</i> use/require <i>wine</i>	<i>varnish</i> is used/required for <i>oil paintings</i> ; <i>wine</i> is required/used for <i>wine</i> <i>glasses</i>

2831		genus/species	associated with	genus/species		genus/species/ [other living organism term] - [is] associated with - genus/species	same	<i>Anthonomus grandis</i> ( <i>species</i> ) [boll weevil] is associated with <i>Gossypium</i> ( <i>genus</i> ) [cotton]; <i>Amphiprioninae</i> ( <i>subfamily</i> ) [clown fish] is associated with <i>Actiniaria</i> ( <i>order</i> ) [sea anemone]	<i>Gossypium</i> ( <i>genus</i> ) [cotton] is associated with <i>Anthonomus grandis</i> ( <i>species</i> ) [boll weevil]; <i>Actiniaria</i> ( <i>order</i> ) [sea anemone] is associated with <i>Amphiprioninae</i> ( <i>subfamily</i> ) [clown fish]
2833	2834	genus/species	ancestor of	genus/species	decendant of	genus/species - is ancestor of - another genus/species	genus/species - is decendant of - genus/species	<i>Canis lupus</i> is the ancestor of <i>Canis familiaris</i> ; <i>Equus</i> <i>asinus</i> is the ancestor of <i>donkeys</i>	<i>Canis familiaris</i> is the descendant of <i>Canis lupus</i> ; <i>donkeys</i> are the descendents of <i>Equus</i> <i>asinus</i>
2836	2837	things	derived/made from	genus/species	source for	things - [are] derived/made from - genus/species [or its parts]	genus/species [or its parts] - [is] source for - things	<i>kākaku</i> are derived/made from <i>Phormium tenax</i> ( <i>species</i> ); <i>ostrich-egg cups</i> are derived/made from <i>Struthio camelus</i> ( <i>species</i> )	<i>Phormium tenax</i> ( <i>species</i> ) is the source for <i>kākaku</i> ; <i>Struthio camelus</i> ( <i>species</i> ) is the source for <i>ostrich-egg</i> <i>cups</i>
2841	2842	material	derived/made from	genus/species	source for	material - [is] derived/made from - genus/species	genus/species - [is] source for - material	<i>alpaca</i> ( <i>wool</i> ) is derived from <i>Vicugna pacos</i> ( <i>species</i> ) ; <i>maple</i> ( <i>wood</i> ) is derived from <i>Acer</i> ( <i>genus</i> )	<i>Vicugna pacos</i> ( <i>species</i> ) is the source for <i>alpaca</i> ( <i>wool</i> ) ; <i>Acer</i> ( <i>genus</i> ) is the source for <i>maple</i> ( <i>wood</i> )
2845	2846	genus/species	used/located in	locus/setting	locus/setting for	genus/species - [is] used/ located in - locus/setting	locus/setting - [is] locus/setting for - genus/species	<i>Elephantidae</i> ( <i>family</i> ) are used/located in <i>elephant</i> <i>houses</i> ; <i>Vitaceae</i> ( <i>family</i> ) is used/located in <i>vineyards</i>	<i>elephant houses</i> are the locus/setting for <i>Elephantidae</i> ( <i>family</i> ); <i>vineyards</i> are the locus/setting of <i>Vitaceae</i> ( <i>family</i> )
2848	2849	genus/species	involved in	activity/event	involves	genus/species - is involved in - activity/event	activity/event - involves - genus/species	<i>bulls</i> ( <i>animals</i> ) are involved in <i>bullfighting</i> ; <i>Equus caballus</i> ( <i>species</i> ) is involved in <i>polo</i> ( <i>field sport</i> )	<i>bullfighting</i> involves <i>bulls</i> ( <i>animals</i> ); <i>polo</i> ( <i>field sport</i> ) involves <i>Equus caballus</i> ( <i>species</i> )
2852	2853	genus/species	involved with	things	involve	genus/species - [is] involved with - things/ [equipment]	things/ [equipment] - involve - genus/species	<i>Rosa</i> ( <i>genus</i> ) is involved with <i>rose bowls</i> ; <i>Camelus</i> ( <i>genus</i> ) is involved with <i>camel saddles</i>	<i>rose bowls</i> involve <i>Rosa</i> ( <i>genus</i> ) ; <i>camel saddles</i> involve <i>Camelus</i> ( <i>genus</i> )

