

Table 1: Classes

External Class	SKOS Relation	Internal Class
dracor:author	skos:bro adMatch	ecrm:E21_Person
foaf:Agent	skos:bro adMatch	ecrm:E21_Person
mimotext:Q11	skos:bro adMatch	ecrm:E21_Person
mimotext:Q10	skos:clo seMatch	ecrm:E21_Person
ontopoetry_core:Pe rson	skos:clo seMatch	ecrm:E21_Person
urw:Agent	skos:nar rowMatch	ecrm:E21_Person
urw:Person	skos:clo seMatch	ecrm:E21_Person
doco:Title	skos:clo seMatch	ecrm:E35_Title
bibo:Image	skos:clo seMatch	ecrm:E38_Image
foaf:Image	skos:clo seMatch	ecrm:E38_Image
foaf:Agent	skos:nar rowMatch	ecrm:E40_Legal_B ody
ontopoetry_core:Or ganisation	skos:bro adMatch	ecrm:E40_Legal_B ody
urw:Organization	skos:bro adMatch	ecrm:E40_Legal_B ody
urw:Publisher	skos:bro adMatch	ecrm:E40_Legal_B ody
dc:PeriodOfTime	skos:clo seMatch	ecrm:E52_Time- Span
ontopoetry_core:Ti meSpan	skos:clo seMatch	ecrm:E52_Time- Span
dc:Location	skos:clo seMatch	ecrm:E53_Place

External Class	SKOS Relation	Internal Class
mimotext:Q26	skos:closeMatch	ecrm:E53_Place
ontopoetry_core:Place	skos:closeMatch	ecrm:E53_Place
urw:Place	skos:closeMatch	ecrm:E53_Place
dracor:genre	skos:broaderMatch	ecrm:E55_Type
intertext_tx:TextGenre	skos:broaderMatch	ecrm:E55_Type
mimotext:Q33	skos:broaderMatch	ecrm:E55_Type
ontopoetry_core:Birth	skos:closeMatch	ecrm:E67_Birth
ontopoetry_core:Death	skos:closeMatch	ecrm:E69_Death
fabio:DigitalItem	skos:broaderMatch	ecrm:E73_Information_Object
fabio:Work	skos:closeMatch	lrmoo:F1_Work
fabio:LiteraryArtisticWork	skos:broaderMatch	lrmoo:F1_Work
ontopoetry_core:PoeticWork	skos:broaderMatch	lrmoo:F1_Work
ontopoetry_core:Work	skos:closeMatch	lrmoo:F1_Work
foaf:Document	skos:broaderMatch	lrmoo:F2_Expression
bibo:Manuscript	skos:broaderMatch	lrmoo:F2_Expression
dracor:play	skos:broaderMatch	lrmoo:F2_Expression
fabio:Expression	skos:closeMatch	lrmoo:F2_Expression
intertext_tx:Text	skos:broaderMatch	lrmoo:F2_Expression

External Class	SKOS Relation	Internal Class
intertext_tx:SingleText	skos:bro adMatch	lrmoos:F2_Express ion
intertext_af:Work	skos:bro adMatch	lrmoos:F2_Express ion
intertext_ab:Refer ence	skos:bro adMatch	lrmoos:F2_Express ion
mimotext:Q2	skos:bro adMatch	lrmoos:F2_Express ion
ontopoetry_core:Ex pression	skos:clo seMatch	lrmoos:F2_Express ion
ontopoetry_analysi s:Intertextuality	skos:bro adMatch	lrmoos:F2_Express ion
ontopoetry_analysi s:Source	skos:bro adMatch	lrmoos:F2_Express ion
ontopoetry_analysi s:Redaction	skos:bro adMatch	lrmoos:F2_Express ion
ontopoetry_analysi s:Excerpt	skos:bro adMatch	lrmoos:F2_Express ion
bibo:Book	skos:bro adMatch	lrmoos:F3_Manifes tation
dc:BibliographicRe source	skos:bro adMatch	lrmoos:F3_Manifes tation
fabio:Manifestatio n	skos:clo seMatch	lrmoos:F3_Manifes tation
foaf:Document	skos:bro adMatch	lrmoos:F3_Manifes tation
fabio:Item	skos:clo seMatch	lrmoos:F5_Item
foaf:Document	skos:nar rowMatch	lrmoos:F5_Item
ontopoetry_core:Wo rkConception	skos:clo seMatch	lrmoos:F27_Work_C reation
ontopoetry_core:Ex pressionCreation	skos:clo seMatch	lrmoos:F28_Expres sion_Creation
intertext_af:Segme nt	skos:bro adMatch	intro:INT1_Segme nt

External Class	SKOS Relation	Internal Class
frbroo:F38_Character	skos:broadMatch	intro:INT2_ActualizationOfFeature
efrbroo:F38_Character	skos:broadMatch	intro:INT2_ActualizationOfFeature
dracor:character	skos:broadMatch	intro:INT2_ActualizationOfFeature
golem:G1_Character	skos:broadMatch	intro:INT2_ActualizationOfFeature
golem:G7_NarrativeSequence	skos:broadMatch	intro:INT2_ActualizationOfFeature
ontopoetry_core:Character	skos:broadMatch	intro:INT2_ActualizationOfFeature
intertext_ab:Mediator	skos:narrowMatch	intro:INT4_Feature
golem:G9_NarrativeUnit	skos:broadMatch	intro:INT4_Feature
intertext_af:System	skos:broadMatch	intro:INT6_Architext
intertext_ab:Inter textualSpecification	skos:closeMatch	intro:INT11_TypeOfInterrelation
doco:Part	skos:narrowMatch	intro:INT21_Text Passage
doco:BackMatter	skos:narrowMatch	intro:INT21_Text Passage
doco:BodyMatter	skos:narrowMatch	intro:INT21_Text Passage
doco:CaptionedBox	skos:narrowMatch	intro:INT21_Text Passage
doco:Chapter	skos:narrowMatch	intro:INT21_Text Passage

External Class	SKOS Relation	Internal Class
doco:ComplexRunInQuotation	skos:narrowMatch	intro:INT21_Text Passage
doco:Footnote	skos:narrowMatch	intro:INT21_Text Passage
doco:Formula	skos:narrowMatch	intro:INT21_Text Passage
doco:FormulaBox	skos:narrowMatch	intro:INT21_Text Passage
doco:FrontMatter	skos:narrowMatch	intro:INT21_Text Passage
doco:List	skos:narrowMatch	intro:INT21_Text Passage
doco:Section	skos:narrowMatch	intro:INT21_Text Passage
doco:Table	skos:narrowMatch	intro:INT21_Text Passage
intertext_ab:Mediator	skos:narrowMatch	intro:INT21_Text Passage
bibo:Quote	skos:broadMatch	intro:INT21_Text Passage
fabio:Quotation	skos:broadMatch	intro:INT21_Text Passage
intertext_tx:TextSegment	skos:closeMatch	intro:INT21_Text Passage
intertext_ab:InterTextualRelation	skos:closeMatch	intro:INT31_InterTextualRelation
urw:EntityInfluence	skos:narrowMatch	intro:INT31_InterTextualRelation
golem:G0_Character-Staff	skos:closeMatch	intro:INT_Character
frbroo:F38_Character	skos:broadMatch	intro:INT_Character
efrbroo:F38_Character	skos:broadMatch	intro:INT_Character
dracor:character	skos:broadMatch	intro:INT_Character

External Class	SKOS Relation	Internal Class
ontopoetry_core:Character	skos:bro adMatch	intro:INT_Character
golem:G14_Narrative_Stoff	skos:bro adMatch	intro:INT_Plot
intertext_mt:Motive	skos:nar rowMatch	intro:INT_Motif
mimotext:Q20	skos:clo seMatch	intro:INT_Topic

Table 2: Properties

External Property	SKOS Relation	Internal Property
dc:identifier	skos:closeMatch	ecrm:P1_is_identified_by
urw:hasIdentifier	skos:closeMatch	ecrm:P1_is_identified_by
dc:type	skos:closeMatch	ecrm:P2_has_type
dracor:has_genre	skos:broadMatch	ecrm:P2_has_type
foaf:gender	skos:broadMatch	ecrm:P2_has_type
mimotext:P12	skos:broadMatch	ecrm:P2_has_type
ontopoetry_core:gender	skos:broadMatch	ecrm:P2_has_type
ontopoetry_core:genre	skos:broadMatch	ecrm:P2_has_type
schema:genre	skos:broadMatch	ecrm:P2_has_type
urw:gender	skos:broadMatch	ecrm:P2_has_type
dc:date	skos:closeMatch	ecrm:P4_has_time-span
dc:created	skos:broadMatch	ecrm:P4_has_time-span

External Property	SKOS Relation	Internal Property
dc:dateCopyrighted	skos:broadMatch	ecrm:P4_has_time-span
dracor:printYear	skos:broadMatch	ecrm:P4_has_time-span
dracor:writtenYear	skos:broadMatch	ecrm:P4_has_time-span
mimotext:P9	skos:broadMatch	ecrm:P4_has_time-span
ontopoetry_core:hasTimeSpan	skos:closeMatch	ecrm:P4_has_time-span
schema:dateCreated	skos:broadMatch	ecrm:P4_has_time-span
schema:datePublished	skos:broadMatch	ecrm:P4_has_time-span
urw:wasPublishedWhen	skos:broadMatch	ecrm:P4_has_time-span
urw:date	skos:closeMatch	ecrm:P4_has_time-span
ontopoetry_core:isTimeSpanOf	skos:closeMatch	ecrm:P4i_is_time-span_of
fabio:hasPlaceOfPublication	skos:broadMatch	ecrm:P7_took_place_at
mimotext:P10	skos:broadMatch	ecrm:P7_took_place_at
ontopoetry_core:tookPlaceAt	skos:closeMatch	ecrm:P7_took_place_at

External Property	SKOS Relation	Internal Property
schema:locationCreated	skos:broadMatch	ecrm:P7_took_place_at
urw:wasPublishedWhere	skos:broadMatch	ecrm:P7_took_place_at
ontopoetry_core:witnessed	skos:closeMatch	ecrm:P7i_witnessed
bibo:editor	skos:broadMatch	ecrm:P14_carried_out_by
dracor:has_author	skos:broadMatch	ecrm:P14_carried_out_by
foaf:maker	skos:broadMatch	ecrm:P14_carried_out_by
mimotext:P5	skos:broadMatch	ecrm:P14_carried_out_by
schema:author	skos:broadMatch	ecrm:P14_carried_out_by
schema:creator	skos:broadMatch	ecrm:P14_carried_out_by
urw:wasPublishedBy	skos:broadMatch	ecrm:P14_carried_out_by
dc:creator	skos:broadMatch	ecrm:P14i_performed
dc:publisher	skos:broadMatch	ecrm:P14i_performed
foaf:made	skos:broadMatch	ecrm:P14i_performed

External Property	SKOS Relation	Internal Property
mimotext:P7	skos:broadMatch	ecrm:P14i_performed
ontopoetry_core:wasBorn	skos:closeMatch	ecrm:P98i_was_born
ontopoetry_core:broughtIntoLife	skos:closeMatch	ecrm:P98_brought_into_life
ontopoetry_core:wasDeathOf	skos:closeMatch	ecrm:P100_was_death_of
ontopoetry_core:diedIn	skos:closeMatch	ecrm:P100i_died_in
dc:title	skos:closeMatch	ecrm:P102_has_title
mimotext:P4	skos:closeMatch	ecrm:P102_has_title
foaf:name	skos:closeMatch	ecrm:P131_is_identified_by
mimotext:P8	skos:closeMatch	ecrm:P131_is_identified_by
foaf:img	skos:broadMatch	ecrm:P138i_has_representation
mimotext:P21	skos:broadMatch	ecrm:P138i_has_representation
urb:realization	skos:closeMatch	lrmoo:R3_realises
urb:embodimentOf	skos:closeMatch	lrmoo:R4_embodies

External Property	SKOS Relation	Internal Property
ontopoetry_core:initiated	skos:closeMatch	lrmoos:R16_created
ontopoetry_core:wasInitiatedBy	skos:closeMatch	lrmoos:R16i_was_created_by
ontopoetry_core:createExpressionFromExpressionCreation	skos:closeMatch	lrmoos:R17_created
ontopoetry_core:wasCreatedByExpressionCreationForExpression	skos:closeMatch	lrmoos:R17i_was_created_by
ontopoetry_core:createWorkByExpressionCreation	skos:closeMatch	lrmoos:R19_created_a_realisation_of
ontopoetry_core:realisedThroughExpressionCreation	skos:closeMatch	lrmoos:R19i_was_realised_through
intertext_ab:there	skos:closeMatch	intro:R12i_isReferredToEntity
intertext_ab:here	skos:closeMatch	intro:R13i_isReferringEntity
ontopoetry_analysis:presentsIntertextuality	skos:broadMatch	intro:R18_showActualization
ontopoetry_analysis:isIntertextualityPresentAt	skos:broadMatch	intro:R18i_actualizationFoundedOn
intertext_ab:specifiedBy	skos:broadMatch	intro:R19i_isTypeOf
ontopoetry_analysis:typeOfIntertextuality	skos:broadMatch	intro:R19i_isTypeOf
intertext_ab:mediatedBy	skos:narrowMatch	intro:R22i_relationIsBasedOnSimilarity

External Property	SKOS Relation	Internal Property
intertext_ab:mediatedBy	skos:narrowMatch	intro:R24_hasRelatedEntity
dc:hasPart	skos:narrowMatch	intro:R30_hasTextPassage
ontopoetry_analysis:presentsIntertextuality	skos:broadMatch	intro:R30_hasTextPassage
ontopoetry_analysis:isIntertextualityPresentAt	skos:broadMatch	intro:R30i_isTextPassageOf

Table 3: New Properties using Property Chains

New Property	Chain Components	Alignment	Description
sappho_prop:has_manifestation	lrmo0:R3_is_realised_in → lrmo0:R4i_is_embodied_in	skos:closeMatch → fabio:hasManifestation	Connects a lrmo0:F1_Work with its lrmo0:F3_Manifestation.
sappho_prop:has_portrayal	lrmo0:R3_is_realised_in → lrmo0:R4i_is_embodied_in → lrmo0:R7i_is_exemplified_by	skos:closeMatch → fabio:hasPortrayal	Connects a lrmo0:F1_Work with its lrmo0:F5_Item.
sappho_prop:has_representation	lrmo0:R4i_is_embodied_in → lrmo0:R7i_is_exemplified_by	skos:closeMatch → fabio:hasRepresentation	Connects an lrmo0:F2_Expression with its lrmo0:F5_Item.
sappho_prop:about	intro:R18_showsActualization → intro:R17_actualizesFeature	skos:closeMatch → dc:subject, foaf:topic, mimotext:P36, schema:about	Connects an lrmo0:F2_Expression with an (actualized) intro:INT_Topic.
sappho_prop:expr_relation	inverse(intro:R18i_actualizationFoundOn) → intro:R24i_isRelatedEntity → intro:R24_hasRelatedEntity → intro:R18i_actualizationFoundOn	skos:closeMatch → dc:relation, mimotext:P34 skos:narrowMatch → urw:influenced, urw:wasInfluencedBy	Creates a symmetrical relationship between two instances of lrmo0:F2_Expression that are connected via an intro:INT31_IntertextualRelation.

New Property	Chain Components	Alignment	Description
sappho_prop:expr_possibly_cites	intro:R30_hasTextPassage → inverse(intro:R24_hasRelatedEntity) → intro:R24_hasRelatedEntity → inverse(intro:R30i_isTextPassageOf)	rdfs:subPropertyOf → ecrm:P148_has_component, ecrm:P130_shows_features_of skos:narrowMatch → lrmoo:R76_is_derivative_of, bibo:cites, cito:cites, ontopoetry_core:usedAsRedaction, ontopoetry_core:usedAsSource, ontopoetry_core:showsInfluenceOf, ontopoetry_core:isDerivativeOf, schema:citation	Connects two instances of lrmoo:F2_Expression considering intro:INT21_TextPassage and intro:INT31_IntertextualRelation instances as well as creation and publication years. The inverse property is sappho_prop:expr_possibly_cited_by.
sappho_prop:tp_possibly_cites	intro:R30_hasTextPassage	rdfs:subPropertyOf → ecrm:P148_has_component, ecrm:P130_shows_features_of skos:narrowMatch → lrmoo:R75_incorporates, cito:hasCitedEntity	Similar to sappho_prop:expr_possibly_cites, but to connect lrmoo:F2_Expression and intro:INT21_TextPassage instances. The inverse property is sappho_prop:tp_possibly_cited_by.

New Property	Chain Components	Alignment	Description
sappho_prop:expr_references	intro:R18_showsActualization → ecrm:P67_refers_to	rdfs:subPropertyOf → ecrm:P67_refers_to skos:closeMatch → dc:references skos:narrowMatch → mimotext:P50, ontopoetry_core:mentions, schema:mentions	Connects an lrmo:F2_Expression with a person (ecrm:E21_Person), a place (ecrm:E53_Place) or another lrmo:F2_Expression it references. The inverse property is sappho_prop:referenced _by_expr.
sappho_prop:references_person	intro:R18_showsActualization → ecrm:P67_refers_to (only ecrm:E21_Person)	rdfs:subPropertyOf → ecrm:P67_refers_to skos:narrowMatch → ontopoetry_core:mentionsA gent	Similar to sappho_prop:expr_refer ences but specifically for persons. The inverse property is sappho_prop:person_ref erenced_by.
sappho_prop:references_place	intro:R18_showsActualization → ecrm:P67_refers_to (only ecrm:E53_Place)	rdfs:subPropertyOf → ecrm:P67_refers_to skos:narrowMatch → ontopoetry_core:mentionsP lace	Same as above, but for places. The inverse property is sappho_prop:place_refe renced_by.

New Property	Chain Components	Alignment	Description
sappho_prop:has_character	intro:R18_showsActualization → intro:R17_actualizesFeature (only INT_Character)	rdfs:subPropertyOf → ecrm:P148_has_component skos:closeMatch → golem:GP1i_has_character, ontopoetry_core:hasCharacter, schema:character	Connects an lrmo:F2_Expression with an intro:INT2_ActualizationOfFeatureInstanz that actualizes a intro:INT_Character.