

Supplementary Table 2. URI Table of anatomical terms used

Term	Concept	URI
abdomen	The tagma that is located posterior to the thorax.	http://purl.obolibrary.org/obo/HAO_0000015
acrotergal calyx	The concave area on the acrotergite on abdominal tergite 7 that bears the orifice of type III exocrine glands.	http://purl.obolibrary.org/obo/HAO_0002548
acrotergite	The area that is located anteriorly of the antecosta on the tergum.	http://purl.obolibrary.org/obo/HAO_0001156
antecosta	The ridge that extends along the anterior margin of the tergum and sternum and corresponds to the site of attachment of the median longitudinal intersegmental muscles.	http://purl.obolibrary.org/obo/HAO_0000098
apodeme	The process that is internal.	http://purl.obolibrary.org/obo/HAO_0000142
calyx	The anatomical space that is located anteriorly in the lateral oviduct and which receives the ovariole pedicels.	http://purl.obolibrary.org/obo/HAO_0000186
carina	The process that is elongate and external.	http://purl.obolibrary.org/obo/HAO_0000188
cuticle	The acellular anatomical structure that is the external layer of the integument (covers the entire body surface as well as lines ectodermal invaginations such as the stomodeum, proctodeum and tracheae) and produced by the epidermal cells.	http://purl.obolibrary.org/obo/HAO_0000240
distal crenulate carina	The transverse carina on the posterior abdominal T7 extending parallel to the caudal setal row on T7.	http://purl.obolibrary.org/obo/HAO_0002556
dorsal intertergal retractor	The abdominal muscle that attaches to the antecosta of two subsequent abdominal tergites.	http://purl.obolibrary.org/obo/HAO_0002552
edge	The margin that extends along the border of two areas that are oriented differently.	http://purl.obolibrary.org/obo/HAO_0000285
evaporatorium	The area that is highly sculptured and surrounds the opening of a gland.	http://purl.obolibrary.org/obo/HAO_0000310
gland	The anatomical cluster that is composed of epithelial cell(s) that secrete or excrete materials not related to their ordinary metabolic needs.	http://purl.obolibrary.org/obo/HAO_0000375
intertergal extensor muscle	The abdominal muscle that attaches to the tergal apodeme of the abdominal tergite and attaches posterior to the antecostal ridge of the subsequent tergite.	http://purl.obolibrary.org/obo/HAO_0002551

lamella	The apodeme that is elongate.	http://purl.obolibrary.org/obo/HAO_0000899
	The process that is elongate and external.	http://purl.obolibrary.org/obo/HAO_0000188
lateral intertergal retractor muscle	The abdominal muscle that attaches to the tergal apodeme of an abdominal tergite and the antecosta of the subsequent tergite.	http://purl.obolibrary.org/obo/HAO_0002553
line	The anatomical structure that is linear.	http://purl.obolibrary.org/obo/HAO_0001586
margin	The line that delimits the periphery of an area.	http://purl.obolibrary.org/obo/HAO_0000510
metasomal tergite	The tergite that is located on the metasoma.	http://purl.obolibrary.org/obo/HAO_0002005
multi-tissue structure	Anatomical structure that has as its parts two or more portions of tissue of at least two different types and which through specific morphogenetic processes forms a single distinct structural unit demarcated by bona-fide boundaries from other distinct structural units of different types.	http://purl.obolibrary.org/obo/HAO_0000055
muscle	The portion of tissue that is composed of contractile fibers.	http://purl.obolibrary.org/obo/HAO_0000641
ridge	The apodeme that is elongate.	http://purl.obolibrary.org/obo/HAO_0000899
	The process that is elongate and external.	http://purl.obolibrary.org/obo/HAO_0000188
rim	The carina that extends along the margin or edge of a sclerite.	http://purl.obolibrary.org/obo/HAO_0000900
row	The anatomical cluster that is composed of repeated units of anatomical structures.	http://purl.obolibrary.org/obo/HAO_0000901
tergal apodeme	The projection on the anterior margin on the abdominal tergite that serves as the site of insertion of lateral intertergal retractor muscle and for the the intertergal extensor muscle.	http://purl.obolibrary.org/obo/HAO_0002550
tergite	The sclerite that is located on the tergum.	http://purl.obolibrary.org/obo/HAO_0001005
tergum	The area that is located on the integument and is dorsal of the ventral diaphragm.	http://purl.obolibrary.org/obo/HAO_0001006