**Absolute and relative measurements**

**Body length: 4.5 mm**

uberon-male\_organism >> pato-length .iao-is\_quality\_measured\_as iao-measurement\_datum:md-c4c164 .aism-has\_unit unit-millimeter;    iao-measurement\_datum:md-c4c164 .iao-has\_measurement\_value 4.5;

**Note**. Absolute measurements require to define a *measurement\_datum*, to which the measure of the focal quality (in this case, *length*) will be assigned. To *measurement\_datum* are then ascribed 1) an absolute measurement unit (in this case, *millimeter*) through the property *.aism-has\_unit*; and 2) a measurement value (in this case, *4.5*) through the property *.iao-has\_measurement\_value*. This pattern can be automatically created in PhenoScript using (?)

**Pronotal surface covered with ocellate setigerous punctures separated by 1—2 diameters on disc**

uberon-male\_organism > aism-pronotum:id-1549f8 >> aism-interpunctural\_distance .iao-is\_quality\_measured\_as iao-measurement\_datum:md-1b36aa .aism-has\_unit pato-diameter << aism-ocellate\_setigerous\_cuticular\_puncture < aism-pronotum:id-1549f8;    iao-measurement\_datum:md-1b36aa .iao-has\_measurement\_value 1.5;

**Note**. Relative measurements require to define a *measurement\_datum*, to which the measure of the focal quality (in this case, *length*) will be assigned. To *measurement\_datum* are then ascribed 1) an absolute measurement unit (in this case, *millimeter*) through the property *.aism-has\_unit*; and 2) a measurement value (in this case, *4.5*) through the property *.iao-has\_measurement\_value*. This pattern can be automatically created in PhenoScript using (?)

**Relative comparison within species**

uberon-male\_organism > aism-clypeus > bspo-anterior\_region > aism-setigerous\_cuticular\_puncture >> pato-diameter |<| pato-diameter << aism-setigerous\_cuticular\_puncture < aism-frons;

uberon-male\_organism > aism-left\_ventral\_membrane\_of\_paramere >> pato-thickness .ro-similar\_in\_magnitude\_relative\_to pato-thickness << aism-right\_ventral\_membrane\_of\_paramere < uberon-male\_organism;

**Relative comparison between species**

**Hind wing of *Grebennikovius armiger* shorter than hind wing of *Grebennikovius basilewskyi***

*uberon-male\_organism::grebennikovius\_armiger > aism-hind\_wing >> pato-length |<| pato-length:id-d38816[exclude = True] << aism-hind\_wing:id-6b490e[exclude = True] < uberon-male\_organism:grebennikovius\_basilewskyi[exclude = True];*

**Note**. This statement compares two qualities ascribed to two different OTUs, *Grebennikovius armiger* and *Grebennikovius basilewskyi*. To allow the use of entities or qualities belonging to one OTU (*G. basilewskyi*) within another OTU’s (*G. armiger*) description, the function “exclude” must be used. This relative comparison is composed by two parts: 1) the *length* of the *hind\_wing* of the organism *uberon-male\_organism::grebennikovius\_armiger*, and 2) the *length* of the *hind\_wing* of *uberon-male\_organism:grebennikovius\_basilewskyi*. The comparison is realized through the property *decreased\_in\_magnitude\_relative\_to* (short: |<|) between them.

**Other types**

uberon-male\_organism > colao-elytron\_with\_9\_striae:id-5770f5 > colao-elytral\_interstria\_8 > aism-cuticular\_carina .aism-medial\_to bspo-lateral\_region < colao-elytron\_with\_9\_striae:id-5770f5;

uberon-male\_organism > aism-abdominal\_tergite\_VIII:id-791f84 > bspo-anatomical\_margin .ro-coincident\_with aism-cuticular\_groove < aism-abdominal\_tergite\_VIII:id-791f84;