List of fields and definitions used in a data set of freshwater macroinvertebrates occurrence records from Cuba. Terms and definitions are according to Darwin Core standards (dc, <http://www.tdwg.org/standards/450> ), Freshwater Core Template at Freshwater Biodiversity Data Portal (fwct, <https://data.freshwaterbiodiversity.eu/>) and Global Biodiversity Information Facility (gbif, <https://www.gbif.org> ).

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| Field | Definition |
| scientificName dc | The full scientific name, with authorship and date information if known. When forming part of an Identification, this should be the name in lowest level taxonomic rank that can be determined. This term should not contain identification qualifications, which should instead be supplied in the IdentificationQualifier term. |
| genus dc | The full scientific name of the genus in which the taxon is classified. |
| family dc | The full scientific name of the family in which the taxon is classified. |
| order dc | The full scientific name of the order in which the taxon is classified. |
| class dc | The full scientific name of the class in which the taxon is classified. |
| phylum dc | The full scientific name of the phylum or division in which the taxon is classified. |
| institutionCode dc | The name (or acronym) in use by the institution having custody of the object(s) or information referred to in the record. |
| catalogNumber dc | An identifier (preferably unique) for the record within the data set or collection. |
| basisOfRecord dc | The specific nature of the data record. Categories “PreservedSpecimen”, “MaterialCitation” and “HumanObservation”. |
| day dc | The integer day of the month on which the Event occurred. |
| month dc | The integer month in which the Event occurred. |
| year dc | The four-digit year in which the Event occurred, according to the Common Era Calendar. |
| recordedBy dc | A person, group, or organization responsible for recording the original Occurrence. |
| identifiedBy dc | A list (concatenated and separated) of names of people, groups, or organizations who assigned the Taxon to the subject. |
| lifeStage dc | The age class or life stage of the Organism(s) at the time the Occurrence was recorded. |
| sex dc | The sex of the biological individual(s) represented in the Occurrence. |
| locality dc | The specific description of the place. |
| waterBody dc | The name of the water body in which the Location occurs. |
| waterBodyType fwct | The type of waterbody to indicate whether the locality is a river, lake, pond, wetland, reservoir or groundwater. |
| decimalLatitude dc | The geographic latitude (in decimal degrees, using the spatial reference system given in geodeticDatum) of the geographic center of a Location. Positive values are north of the Equator, negative values are south of it. Legal values lie between -90 and 90, inclusive. |
| decimalLongitude dc | The geographic longitude (in decimal degrees, using the spatial reference system given in geodeticDatum) of the geographic center of a Location. Positive values are east of the Greenwich Meridian, negative values are west of it. Legal values lie between -180 and 180, inclusive. |
| geodeticDatum dc | The ellipsoid, geodetic datum, or spatial reference system (SRS) upon which the geographic coordinates given in decimalLatitude and decimalLongitude as based. |
| coordinateUncertaintyInMeters dc | The horizontal distance (in meters) from the given decimalLatitude and decimalLongitude describing the smallest circle containing the whole of the Location. Leave the value empty if the uncertainty is unknown, cannot be estimated, or is not applicable (because there are no coordinates). Zero is not a valid value for this term. |
| georeferencedBy dc | A list (concatenated and separated) of names of people, groups, or organizations who determined the georeference (spatial representation) for the Location. |
| georeferenceProtocol dc | A description or reference to the methods used to determine the spatial footprint, coordinates, and uncertainties. |
| georeferenceSources dc | A list (concatenated and separated) of maps, gazetteers, or other resources used to georeference the Location, described specifically enough to allow anyone in the future to use the same resources. |
| georeferenceRemarks dc | Notes or comments about the spatial description determination, explaining assumptions made in addition or opposition to the those formalized in the method referred to in georeferenceProtocol. |
| municipality dc | The full, unabbreviated name of the next smaller administrative region than county (city, municipality, etc.) in which the Location occurs. Do not use this term for a nearby named place that does not contain the actual location. |
| stateProvince dc | The name of the next smaller administrative region than country (state, province, canton, department, region, etc.) in which the Location occurs. |
| reference dc | A related resource that is referenced, cited, or otherwise pointed to by the described resource. |
| gbifId gbif | Identification number of the occurrence record at the Global Biodiversity Information Facility (GBIF) database. |
| subcatchmentId | Identification number for each subcatchment in Cuba1. A subcatchment is the land area that drains into a stream reach. |

1 Amatulli, G. et al. Hydrography90m: A new high-resolution global hydrographic dataset. Earth Syst. Sci. Data Discuss. 2022, 1–43, 10.5194/essd-2022-9 (2022).