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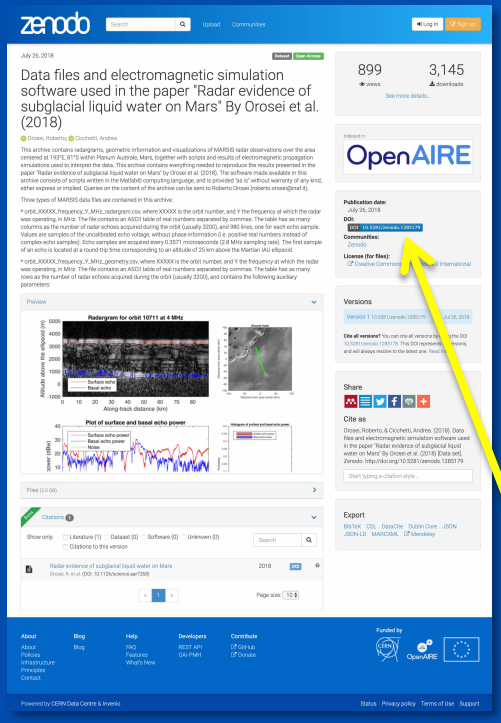
Specialists Welcome!

Dr Tim SMITH

Biomedical Data Ecosystem Workshop – 2020/02/11

Role of Generalist Repositories to Enhance Data Discoverability and Reuse

Experience at Scale



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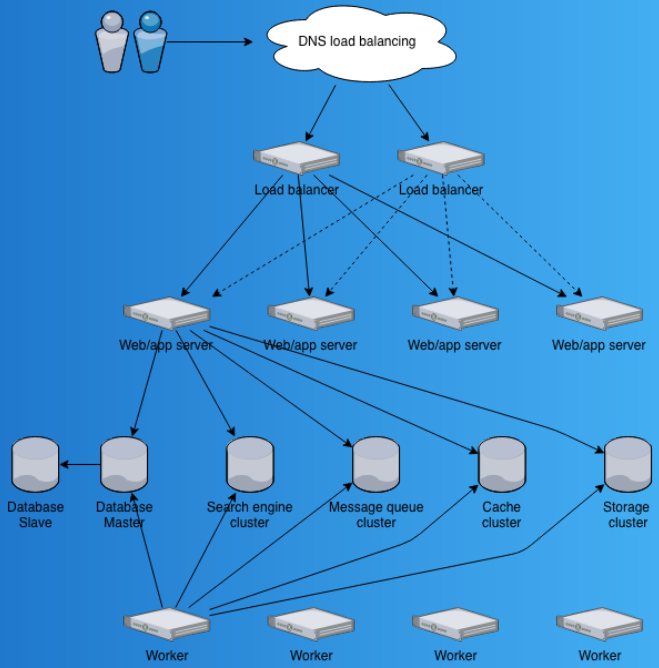

Open Research as a Service

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Scholarly Innovation

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	All versions	This version
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Gene Ontology Data Archive

Carbon, Seth; Mungall, Chris

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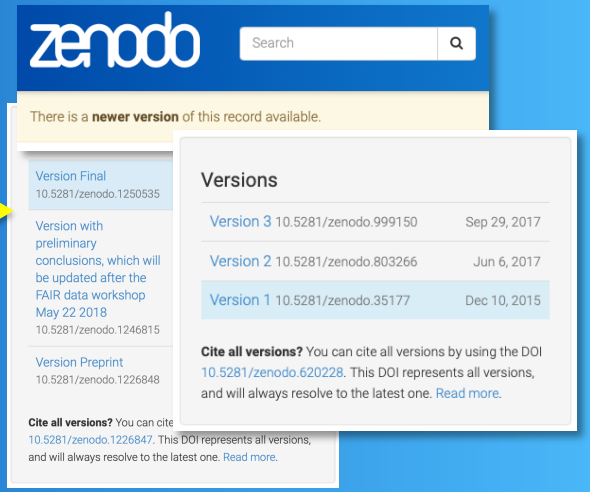

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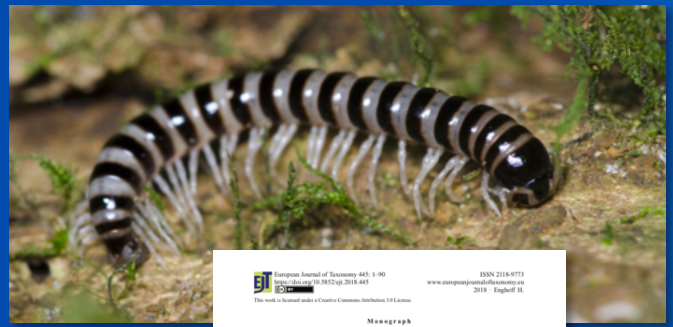
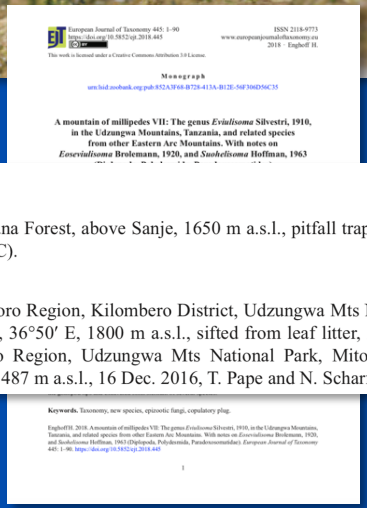
Taxonomic Descriptions





European Journal of Taxonomy 445: 1–90
https://doi.org/10.5852/ejt.2018.445

ISSN 2118-9773
www.europeanjournaloftaxonomy.eu
2018 · Enghoff H.

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Monograph

urn:lsid:zoobank.org:pub:852A3F68-B72B-413A-B12E-56F306D56C35

A mountain of millipedes VII: The genus *Eviulisoma* Silvestri, 1910, in the Udzungwa Mountains, Tanzania, and related species from other Eastern Arc Mountains. With notes on *Eoseviulisoma* Brolemann, 1920, and *Suohelisoma* Hoffman, 1963

Material (total: 3 ♂♂)

Holotype

TANZANIA: ♂, Mwanihana Forest, above Sanje, 1650 m a.s.l., pitfall trap, 18 Aug. 1982, M. Stoltze and N. Scharff leg. (ZMUC).

Paratypes

TANZANIA: 1 ♂, Morogoro Region, Kilombero District, Udzungwa Mts National Park, forest below Mwanihana Peak, 7°49′ S, 36°50′ E, 1800 m a.s.l., sifted from leaf litter, 20 Aug. 2017, T. Pape leg. (ZMUC); 1 ♂, Morogoro Region, Udzungwa Mts National Park, Mito Mitatu, above Mang'ula, 07°49′3″ S, 36°52′58″ E, 1487 m a.s.l., 16 Dec. 2016, T. Pape and N. Scharff leg. (ZMUC).

Keywords. Taxonomy, new species, epizootic fungi, copulatory plug.

Enghoff H. 2018. A mountain of millipedes VII: The genus *Eviulisoma* Silvestri, 1910, in the Udzungwa Mountains, Tanzania, and related species from other Eastern Arc Mountains. With notes on *Eoseviulisoma* Brolemann, 1920, and *Suohelisoma* Hoffman, 1963 (Diplopoda, Polydesmida, Paradoxosomatidae). *European Journal of Taxonomy* 445: 1–90. https://doi.org/10.5852/ejt.2018.445

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February 5, 2020

Taxonomic treatment Open Access

Oxycheila alenatiki Šafránek & Amaya 2020, sp.nov.

Šafránek, Ondřej; Amaya, Marcelo

Oxycheila alenatiki sp.nov.

(Figs 1–11)

Type locality. Bolivia, East of Cochabamba Dept., slopes of northeastern Bolivian Andes (Yungas) south of the town Entre Rios, along the unpaved road, 400 m a.s.l.

Type material. Holotype (HT), male in MNKM labelled: "BOLIVIA- Cochabamba dept. / 10 km S of Entre Rios, / 17°17'33"S, 64°32'14"W, / 400 m, 19.I.2018, / O.Šafránek et M. Amaya lgt." [printed]. Allotype, female and 1 paratype, male in CCOS, 1 paratype, male in CFTA with same labels as holotype.All type specimens labelled: " HOLOTYPE (ALLOTYPE or PARATYPE respectively) / *Oxycheila alenatiki* **sp. nov.** / O. Šafránek & M. Amaya 2019" [red, printed]

Description. Body (Figs 1, 7) medium-sized, 12.9–14.0 (HT 13.7) mm long, 4.8–5.0 (HT 4.8) mm wide, dorsal surface of the head, pronotum and elytra black with more shiny elytra.

Head (Figs 2, 8) narrower than body, 3.3–4.0 (HT 3.3) mm wide, concolorous with the rest of body surface, but less shiny then elytra, all parts of head glabrous except for two setae on the both left and right borders of eyes and orbital plates.

Mandibles (Figs 4, 10) ochre with testaceous-black termination of each tooth, indistinct and narrow lateral stripe, almost symmetrical, and each mandible with 4 teeth.

Labrum (Figs 3, 9) similar in both sexes, triangular, wider (1.6–1.9 mm) then long (1.1–1.2 mm), with three anterior teeth that are almost at the same level, 2 anterolateral and 2 basal teeth and about 8 to 10 lateral setae, ochre with dark brown-black basomedian area and basal lateral margins.

Labial and maxillary palpomeres light coloured.

Antennae long, reaching back to the last fourth of elytra, antennomeres 1–4 shiny, ochre, the antennomere 3 with brown-black apical fourth, antennomere 4 with brown-black apical third, antennomeres 5–11 ochre-brown, dull with fine setae, antennomeres 10 and 11 slightly darker.

Eyes- Longitudinal groove above the eyes shallow, eyes large and protruding.

Clypeus smooth black coloured.

Pronotum slightly longer than wide (mean: 2.69mm long, 2.55mm wide), converging posteriorly, lateral margins distinct and convex, anterior lobe distinctly wider than posterior but posterior lobe notably higher, pronotal disc with smooth almost indistinctly wrinkled surface, median line very shallow but distinct, anterior sulcus with less wrinkled groove than posterior one.

Mesepisternum with deep point depression on the dorsal third of lateral margin of the female, sharp groove from the dorsal lateral margin extended to ventral lateral margin of the male.

Elytra flattened, elongate, slightly expanded laterally, widest near the middle, declined towards apex, length 9.0– 9.6 mm (HT 9.6 mm), wide 4.8–5.0 mm (HT 5.0 mm), ratio of length to width = 1: 0.54, concoloured black, shiny, immaculate, deeply punctate, shoulders right-angled, not rounded, distinct basal and shallow preapical umbones (knob-like protuberances), disc of elytral apex (Fig. 5, 11) slightly notched with lateral marginal spine and sutural angle, intermediate area strongly notched in male, straight to notched in female, the distance between the lateral margin spines 1.65–1.85 mm

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Animalia

dwc:typeStatus
allotype, holotype

dwc:order
Coleoptera

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CCOS, CFTA, MNKM

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Šafránek & Amaya

dwc:phylum
Arthropoda

dwc:taxonomicStatus
sp.nov.

dwc:genus
Oxycheila

dwc:family
Carabidae

openbiodiv:TaxonomicConceptLabel
Oxycheila alenatiki Šafránek & Amaya, 2020

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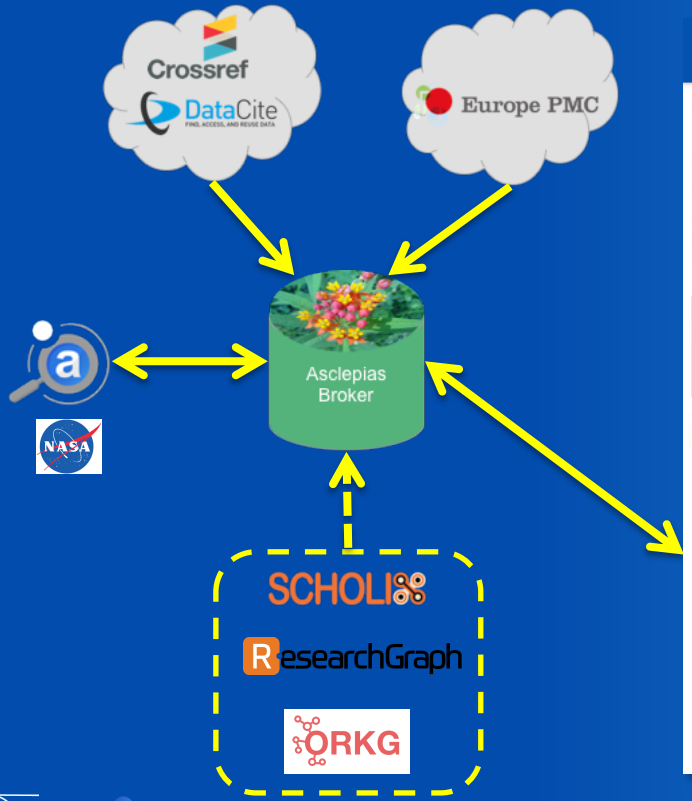
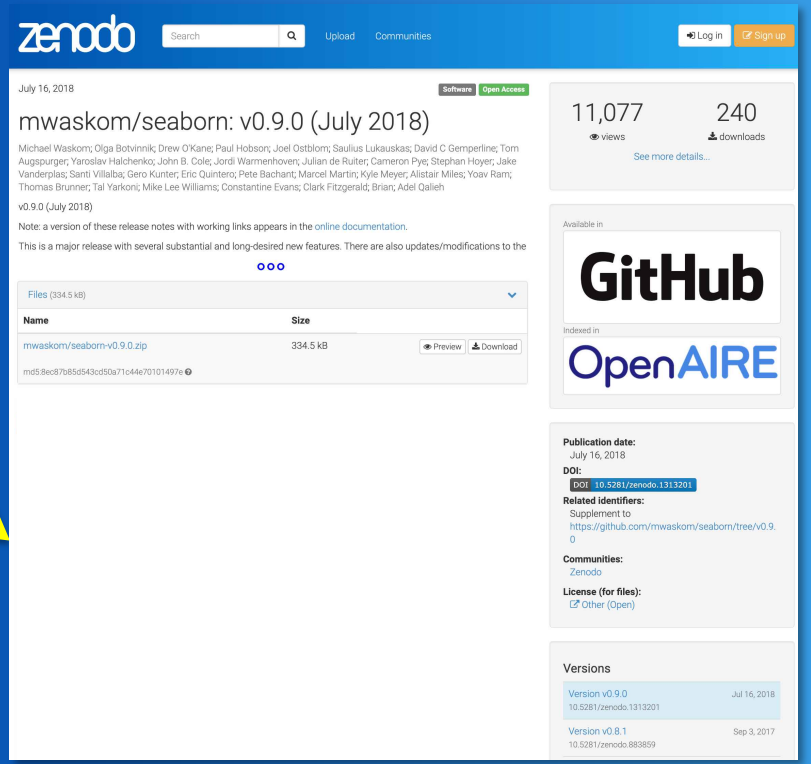
Software Citation





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astrophysics data system

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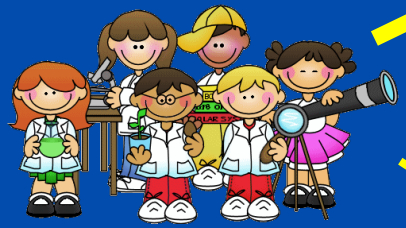
Seamless Workflows



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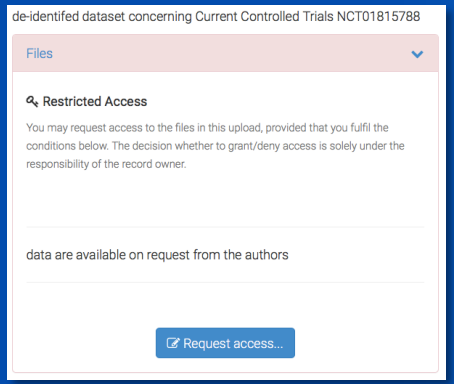

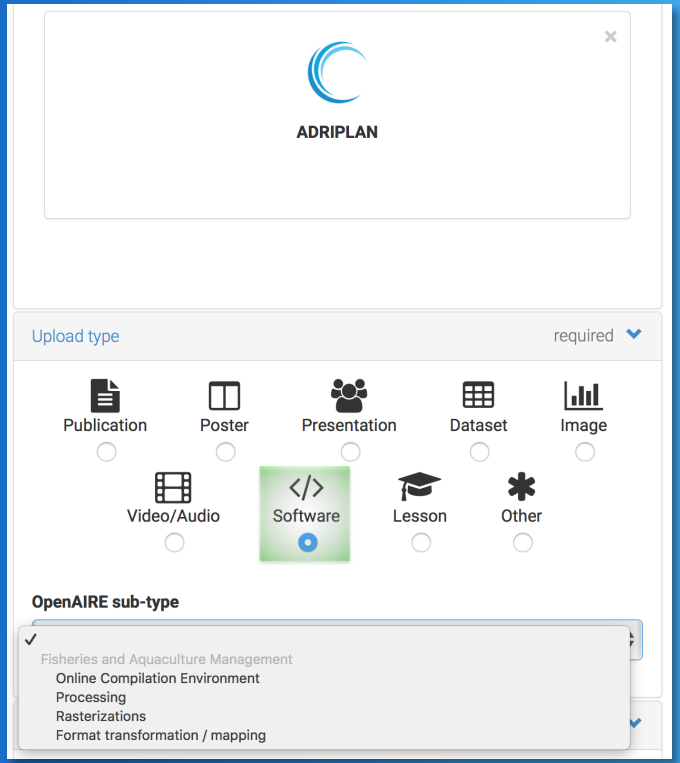

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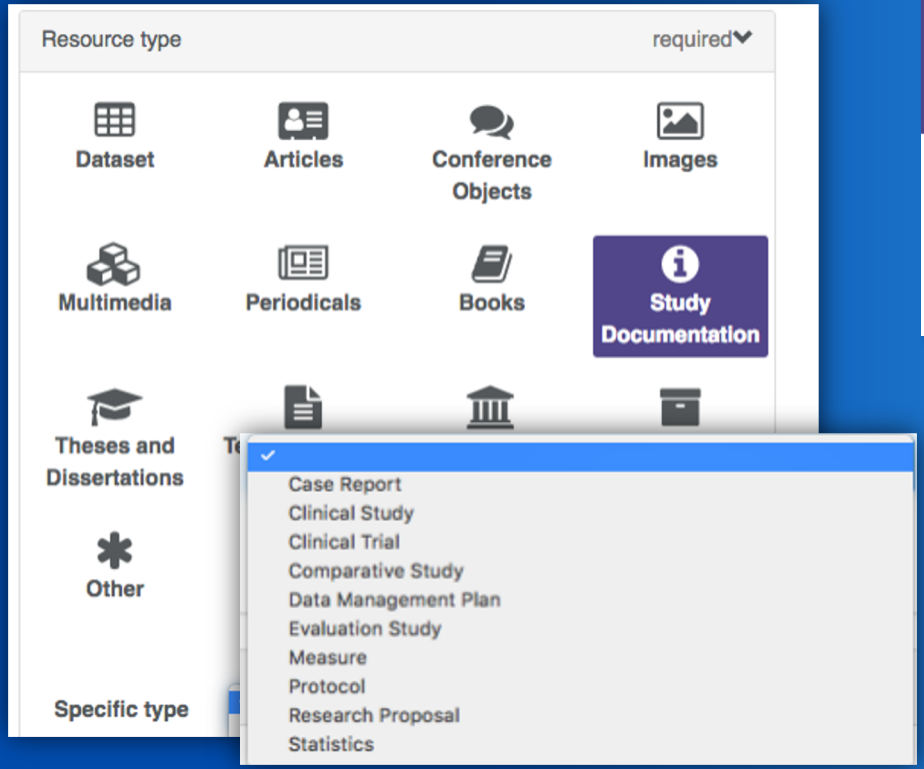

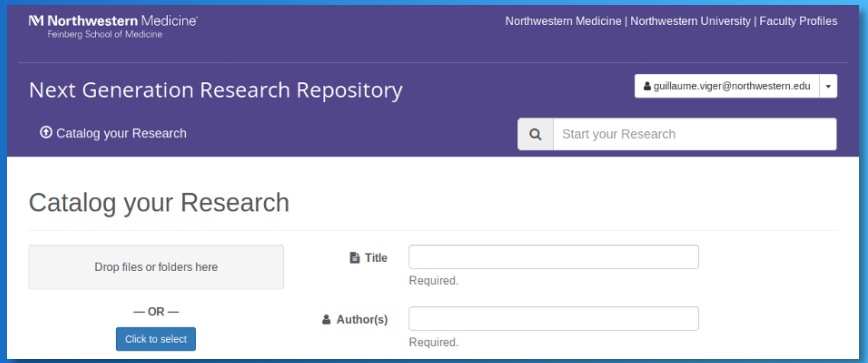

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