Table S2. Chironomidae taxa recorded in Dinaric Western Balkan Ecoregion.

| Taxa/Sites* | OP | RI | PB | LO | VL | RA | PR | PE | ST | TR | SA | LE | BR | GO | GP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Ablabesmyia monilis* (Linnaeus, 1758) /*longistyla* Fittkau, 1962 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 7 | 7 | 2 | 1 | 1 | 0 | 0 | 5 |
| *Arctopelopia griseipennis* (van der Wulp, 1858) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Conchapelopia* sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Procladius (Holotanypus) choreus* (Meigen, 1804) | 2 | 11 | 3 | 10 | 2 | 0 | 0 | 4 | 1 | 11 | 0 | 11 | 0 | 1 | 9 |
| Tanypodinae Gen. sp. | 1 | 0 | 0 | 0 | 3 | 10 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Tanypus punctipennis* Meigen, 1818 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| *Tanypus vilipennis* (Kieffer, 1918) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Zavrelimyia* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 |
| *Potthastia gaedii* (Meigen, 1838) | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| *Corynoneura* spp. | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 9 | 0 | 1 | 0 | 14 | 0 | 2 |
| *Cricotopus albiforceps* (Kieffer, 1916) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| *Cricotopus bicinctus* (Meigen, 1818) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| *Cricotopus cylindraceus* (Kieffer, 1908) | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| *Cricotopus* spp. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 1 | 4 | 24 |
| *Cricotopus sylvestris* (Fabricius, 1794) | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cardiocladius fuscus* Kieffer, 1924 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Eukiefferiella gracei* Edwards, 1929 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| *Eukiefferiella ilkleyensis* Edwards, 1929 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| *Eukiefferiella* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| *Epoicocladius ephemerae* (Kieffer, 1924) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Orthocladius (Euorthocladius) thienemanni* Kieffer, 1906 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| *Nanocladius balticus* (Palmén, 1959) | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| *Nanocladius dichromus* (Kieffer, 1906) | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Nanocladius rectinervis* (Kieffer, 1911) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| *Nanocladius* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Orthocladius (Orthocladius) oblidens* (Walker, 1856) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Orthocladius (Orthocladius) rhyacobius* Kieffer, 1911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| *Orthocladius (Orthocladius) rubicundus* (Meigen, 1818) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| *Orthocladius* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Paracricotopus* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Parakiefferiella bathophila* (Kieffer, 1912) | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 |
| *Parakiefferiella coronata* (Edwards, 1929) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 |
| *Parakiefferiella* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |
| *Paratrissocladius excerptus* (Walker, 1856) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| *Psectrocladius brehmi* Kieffer, 1923 | 41 | 1 | 121 | 3 | 0 | 14 | 0 | 48 | 2 | 0 | 0 | 2 | 0 | 0 | 0 |
| *Psectrocladius (Allopsectrocladius) obvius* (Walker, 1856) | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 68 | 0 |
| *Psectrocladius sordidellus* (Zetterstedt, 1838) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 | 0 | 5 | 0 |
| *Psectrocladius* spp. | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Pseudorthocladius filiformis* (Kieffer, 1908) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| *Synorthocladius semivirens* (Kieffer, 1909) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Tvetenia calvescens* (Edwards, 1929) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Orthocladiinae Gen. sp. | 0 | 0 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chironomini Gen. sp. | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| *Chironomus plumosus* (Linnaeus, 1758) | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| *Cladopelma* spp. | 0 | 0 | 12 | 0 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cladopelma virescens* (Meigen, 1818) | 0 | 0 | 17 | 0 | 3 | 0 | 0 | 6 | 17 | 0 | 0 | 1 | 0 | 0 | 0 |
| *Cladopelma viridulum* (Linnaeus, 1767) | 1 | 1 | 16 | 11 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 |
| *Cryptochironomus obreptans* (Walker, 1856) | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cryptochironomus supplicans* (Meigen, 1830) | 1 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cryptpchironomus* spp. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cryptotendipes holsatus* Lenz, 1959 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Dicrotendipes nervosus* (Staeger, 1839) | 1 | 0 | 5 | 30 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 2 |
| *Dicrotendipes* spp. | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 |
| *Einfeldia pagana* (Meigen, 1838) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Endochironomus albipennis* (Meigen, 1830) | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Endochironomus tendens* (Fabricius, 1775) | 2 | 0 | 26 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Glyptotendipes foliicola* sensu Kalugina, 1979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Glyptotendipes pallens* (Meigen, 1804) | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Harnischia curtilamellata* (Malloch, 1915) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| *Kiefferulus tendipediformis* (Goetghebuer, 1921) | 0 | 0 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Microchironomus tener* (Kieffer, 1918) | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 13 | 16 | 20 | 0 | 23 | 0 | 0 | 0 |
| *Microtendipes chloris* (Meigen, 1818) | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 13 |
| *Parachironomus arcuatus* Goetghebuer, 1921 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Parachironomus parilis* (Walker, 1856) | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Parachironomus* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Parachironomus vitiosus* (Goetghebuer, 1921) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Paracladopelma camptolabis* (Kieffer, 1913) /*laminatum* (Kieffer, 1921) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Paratendipes albimanus* (Meigen, 1818) | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Paratendipes* sp. | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Phaenopsectra flavipes* (Meigen, 1818) | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| *Polypedilum cultellatum* Goetghebuer, 1931 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Polypedilum convictum* (Walker, 1856) | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Polypedilum nubeculosum* (Meigen, 1804) | 0 | 0 | 0 | 18 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 2 | 0 | 0 | 0 |
| *Polypedilum sordens* (van der Wulp, 1874) | 0 | 0 | 31 | 13 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| *Polypedilum tritum* (Walker, 1856) | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Polypedilum* spp. | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Cladotanytarsus iucundus* Hirvenoja, 1962 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cladotanytarsus lepidocalcar* Krüger, 1938 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| *Cladotanytarsus* spp. | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cladotanytarsus vanderwulpi* (Edwards, 1929) | 5 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Constempellina* spp. | 1 | 250 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

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| *Micropsectra contracta* Reiss, 1965 *& apposita* (Walker,1856) | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 65 |
| *Micropsectra* sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Paratanytarsus bituberculatus* (Edwards, 1929) | 0 | 0 | 0 | 1 | 1 | 12 | 5 | 0 | 4 | 0 | 0 | 21 | 0 | 0 | 19 |
| *Paratanytarsus grimmii* (Schneider, 1885) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| *Paratanytarsus laccophilus* (Edwards, 1929) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| *Paratanytarsus laetipes* (Zetterstedt, 1850) | 5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Paratanytarsus lauterborni* (Kieffer, 1909) | 0 | 0 | 0 | 4 | 1 | 8 | 0 | 0 | 14 | 0 | 0 | 7 | 0 | 0 | 0 |
| *Paratanytarsus tenuis* (Meigen, 1830) | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Paratanytarsus* spp. | 110 | 2 | 657 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Stempellina bausei* (Kieffer, 1911) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| *Stempellinella* spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Tanytarsini Gen. sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| *Tanytarsus chinyensis* Goetghebuer, 1934 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | 0 | 0 | 2 |
| *Tanytarsus curticornis* group | 9 | 0 | 3 | 17 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| *Tanytarsus eminulus* group | 1 | 0 | 52 | 15 | 3 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| *Tanytarsus gregarius & lugens* groups | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Tanytarsus mendax* group | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| *Tanytarsus niger* Andersen, 1937 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Tanytarsus pallidicornis & aculeatus* groups | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| *Tanytarsus palettaris* Verneaux, 1969 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| *Tanytarsus signatus* group | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| *Tanytarsus verralli, excavatus & recurvatus* groups | 0 | 0 | 0 | 0 | 35 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| *Tanytarsus smolandicus* Brundin, 1947 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Tanytarsus* spp. | 88 | 2 | 6 | 6 | 3 | 0 | 0 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 11 |

* Sites abbreviations: OP – Opsenica, RI – Ričice-Zeleno Lake, PB – Prološko Blato, LO – Lokve, VL – Vlačine, RA – Razovac, PR – Pranjčević, PE – Peruča, ST – Štikada, TR – Tribalj, SA – Sabljaci, LE – Lešće, BR – Brljan, GO – Golubić, GP – Gusić Polje.