

Table S1. List of Chironomidae species collected from nine estuaries on the Caribbean coast of Costa Rica from 2012-2014.

Subfamily	Tribe	Genus	Subgenus	Species	Author
Tanypodinae	Coelotanypodini	<i>Coelotanypus</i>		sp. 1	
Tanypodinae	Coelotanypodini	<i>Coelotanypus</i>		sp. 2	
Tanypodinae	Coelotanypodini	<i>Coelotanypus</i>		sp. 3	
Tanypodinae	Macropelopiini	<i>Fittkauimyia</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 2	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 3	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 4	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 5	
Tanypodinae	Pentaneurini	<i>Ablabesmyia</i>		sp. 6	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 2	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 3	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 4	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 5	
Tanypodinae	Pentaneurini	<i>Labrundinia</i>		sp. 6	
Tanypodinae	Pentaneurini	<i>Larsia</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Larsia</i>		sp. 2	
Tanypodinae	Pentaneurini	<i>Monopelopia</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Monopelopia</i>		sp. 2	
Tanypodinae	Pentaneurini	<i>Nilotanypus</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Nilotanypus</i>		cf. <i>kansensis</i>	Roback, 1986
Tanypodinae	Pentaneurini	<i>Pentaneura</i>		sp. 1	
Tanypodinae	Pentaneurini	<i>Zavrelimyia</i>		sp. 1	
Tanypodinae	Procladiini	<i>Procladius</i>	Psilotanypus	sp. 1	
Tanypodinae	Tanypodini	<i>Tanypus</i>	Apelopia	sp. 1	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 1	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 2	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 3	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		cf. <i>sisbiota</i>	Wiedenbrug, Lamas & Trivinho-Strixino, 2012
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 4	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 5	
Orthocladiinae	Corynoneurini	<i>Corynoneura</i>		sp. 6	
Orthocladiinae	Corynoneurini	<i>Onconeura</i>		sp. 1	
Orthocladiinae	Corynoneurini	<i>Onconeura</i>		sp. 2	
Orthocladiinae	Corynoneurini	<i>Onconeura</i>		sp. 3	
Orthocladiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 1	
Orthocladiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 2	
Orthocladiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 3	

Orthoclaadiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 4	
Orthoclaadiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 5	
Orthoclaadiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 6	
Orthoclaadiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 7	
Orthoclaadiinae	Corynoneurini	<i>Thienemanniella</i>		sp. 8	
Orthoclaadiinae	Corynoneurini	<i>Ubatubaneura</i>		sp. 1	
Orthoclaadiinae	Corynoneurini	<i>Ubatubaneura</i>		sp. 2	
Orthoclaadiinae	Corynoneurini	<i>Ubatubaneura</i>		sp. 3	
Orthoclaadiinae	Corynoneurini	<i>Ubatubaneura</i>		sp. 4	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 3	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 4	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 5	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 6	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 7	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 8	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 9	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Cricotopus</i>	sp. 10	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Nostococladia</i>	sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Nostococladia</i>	sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Cricotopus</i>	<i>Oliveiriella</i>	sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Eukiefferiella</i>		sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Eukiefferiella</i>		sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Eukiefferiella</i>		sp. 3	
Orthoclaadiinae	Orthoclaadiini	<i>Eukiefferiella</i>		sp. 4	
Orthoclaadiinae	Orthoclaadiini	<i>Gymnometriocnemus</i>		sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Gymnometriocnemus</i>		sp. 2	
Chironominae	Chironomini	<i>Microchironomus</i>		sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Nanocladius</i>	<i>Nanocladius</i>	sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Nanocladius</i>	<i>Nanocladius</i>	sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Nanocladius</i>	<i>Nanocladius</i>	sp. 3	
Orthoclaadiinae	Orthoclaadiini	<i>Orthocladius</i>	<i>Orthocladius</i>	sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Orthocladius</i>	<i>Orthocladius</i>	sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Orthocladius</i>	<i>Orthocladius</i>	sp. 3	
Orthoclaadiinae	Orthoclaadiini	<i>Parakiefferiella</i>		sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Parakiefferiella</i>		sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Parametriocnemus</i>		sp. 1	
Orthoclaadiinae	Orthoclaadiini	<i>Parametriocnemus</i>		sp. 2	
Orthoclaadiinae	Orthoclaadiini	<i>Pseudosmittia</i>	<i>trilobata</i>		(Edwards, 1929)
Orthoclaadiinae	Orthoclaadiini	<i>Stictocladus</i>		sp. 1	

Orthoclaadiinae			sp. 1	
Orthoclaadiinae			sp. 2	
Orthoclaadiinae			sp. 3	
Chironominae	Chironomini	<i>Apedilum</i>	sp. 1	
Chironominae	Chironomini	<i>Axarus</i>	sp. 1	
Chironominae	Chironomini	<i>Axarus</i>	sp. 2	
Chironominae	Chironomini	<i>Beardius</i>	cf. <i>reissi</i>	Jacobsen & Perry, 2008
Chironominae	Chironomini	<i>Chironomus</i>	sp. 1	
Chironominae	Chironomini	<i>Chironomus</i>	sp. 2	
Chironominae	Chironomini	<i>Chironomus</i>	sp. 3	
Chironominae	Chironomini	<i>Cladopelma</i>	cf. <i>forcipis</i>	(Rempel, 1939)
Chironominae	Chironomini	<i>Cladopelma</i>	sp. 1	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 1	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 2	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 3	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 4	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 5	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 6	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 7	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 8	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 9	
Chironominae	Chironomini	<i>Cryptochironomus</i>	sp. 10	
Chironominae	Chironomini	<i>Cryptotendipes</i>	sp. 1	
Chironominae	Chironomini	<i>Cryptotendipes</i>	sp. 2	
Chironominae	Chironomini	<i>Dicrotendipes</i>	sp. 1	
Chironominae	Chironomini	<i>Dicrotendipes</i>	sp. 2	
Chironominae	Chironomini	<i>Dicrotendipes</i>	sp. 3	
Chironominae	Chironomini	<i>Dicrotenidpes</i>	sp. 4	
Chironominae	Chironomini	<i>Einfeldia</i>	sp. 1	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 1	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 2	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 3	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 4	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 5	
Chironominae	Chironomini	<i>Endotribelos</i>	sp. 6	
Chironominae	Chironomini	<i>Goeldichironomus</i>	sp. 1	
Chironominae	Chironomini	<i>Goeldichironomus</i>	sp. 2	
Chironominae	Chironomini	<i>Harnischia</i> complex	sp. 1	
Chironominae	Chironomini	<i>Harnischia</i> complex	sp. 2	
Chironominae	Chironomini	<i>Harnischia</i> complex	sp. 3	
Chironominae	Chironomini	<i>Harnischia</i> complex	sp. 4	

Chironominae	Chironomini	<i>Harnischia</i> complex		sp. 5	
Chironominae	Chironomini	<i>Nilothauma</i>		cf. <i>reissi</i>	(Soponis, 1987)
Chironominae	Chironomini	<i>Nilothauma</i>		sp. 1	
Chironominae	Chironomini	<i>Nilothauma</i>		sp. 2	
Chironominae	Chironomini	<i>Nilothauma</i>		sp. 3	
Chironominae	Chironomini	<i>Nilothauma</i>		sp. 4	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 1	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 2	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 3	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 4	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 5	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 6	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 7	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 8	
Chironominae	Chironomini	<i>Parachironomus</i>		sp. 9	
Chironominae	Chironomini	<i>Paralauterborniella</i>		sp. 1	
Chironominae	Chironomini	<i>Paralauterborniella</i>		sp. 2	
Chironominae	Chironomini	<i>Polypedilum</i>	<i>Asheum</i>	sp. 1	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 2	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 3	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 4	
Chironominae	Chironomini	<i>Polypedilum</i>	<i>Tripodura</i>	sp. 5	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 6	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 7	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 8	
Chironominae	Chironomini	<i>Polypedilum</i>	<i>Tripodura</i>	sp. 9	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 10	
Chironominae	Chironomini	<i>Polypedilum</i>	<i>Asheum</i>	sp. 11	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 12	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 13	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 14	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 15	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 16	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 17	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 18	
Chironominae	Chironomini	<i>Polypedilum</i>		sp. 19	
Chironominae	Pseudochironomini	<i>Pseudochironomus</i>		sp. 1	
Chironominae	Pseudochironomini	<i>Pseudochironomus</i>		sp. 2	
Chironominae	Pseudochironomini	<i>Pseudochironomus</i>		sp. 3	
Chironominae	Pseudochironomini	<i>Pseudochironomus</i>		sp. 4	
Chironominae	Chironomini	<i>Robackia</i>		cf. <i>claviger</i>	(Townes, 1945)

Chironominae	Chironomini	<i>Robackia</i>	sp. 1
Chironominae	Chironomini	<i>Saetheria</i>	sp. 1
Chironominae	Chironomini	<i>Saetheria</i>	sp. 2
Chironominae	Chironomini	<i>Saetheria</i>	sp. 3
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 1
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 2
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 3
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 4
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 5
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 6
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 7
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 8
Chironominae	Chironomini	<i>Stenochironomus</i>	sp. 9
Chironominae	Chironomini	<i>Stictochironomus</i>	sp. 1
Chironominae	Chironomini	<i>Xenochironomus</i>	cf. <i>xenolabis</i> (Kieffer, 1916)
Chironominae	Chironomini	<i>Xestochironomus</i>	sp. 1
Chironominae	Chironomini	<i>Xestochironomus</i>	sp. 2
Chironominae	Chironomini	<i>Xestochironomus</i>	sp. 3
Chironominae	Chironomini	<i>Xestochironomus</i>	sp. 4
Chironominae	Chironomini	<i>Zavreliella</i>	sp. 1
Chironominae	Chironomini	<i>Zavreliella</i>	sp. 2
Chironominae	Chironomini		sp. 2
Chironominae	Chironomini		sp. 3
Chironominae	Chironomini		sp. 4
Chironominae	Chironomini		sp. 5
Chironominae	Chironomini		sp. 7
Chironominae	Chironomini		sp. 8
Chironominae	Chironomini		sp. 9
Chironominae	Chironomini		sp. 10
Chironominae	Chironomini		sp. 11
Chironominae	Chironomini		sp. 12
Chironominae	Chironomini		sp. 13
Chironominae	Tanytarsini	<i>Cladotanytarsus</i>	sp. 1
Chironominae	Tanytarsini	<i>Cladotanytarsus</i>	sp. 2
Chironominae	Tanytarsini	<i>Cladotanytarsus</i>	sp. 3
Chironominae	Tanytarsini	<i>Paratanytarsus</i>	sp. 1
Chironominae	Tanytarsini	<i>Rheotanytarsus</i>	sp. 1
Chironominae	Tanytarsini	<i>Rheotanytarsus</i>	sp. 2
Chironominae	Tanytarsini	<i>Stempellina</i>	sp. 1
Chironominae	Tanytarsini	<i>Stempellinella</i>	sp. 1
Chironominae	Tanytarsini	<i>Stempellinella</i>	sp. 2

Chironominae	Tanytarsini	<i>Sublettea</i>	sp. 1
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 1
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 2
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 3
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 4
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 5
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 6
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 7
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 8
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 9
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 10
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 11
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 12
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 13
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 14
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 15
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 16
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 17
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 18
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 19
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 20
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 21
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 22
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 23
Chironominae	Tanytarsini	<i>Tanytarsus</i>	sp. 24