

Anexo 1

Lista de claves de proyectos y responsables que proporcionaron información para este proyecto.

**Responsable del proyecto CONABIO: A 24
172**

*Odonata de Veracruz
(crustáceos, insectos y peces) de
Número de registros aportados por el proyecto: 5164
Hidalgo*
M en C. Enrique González Soriano
proyecto: 99
Laboratorio de Entomología
Departamento de Zoología
Instituto de Biología
Universidad Nacional Autónoma de México
Av Universidad # 3000, Ciudad
México, DF, 04510, México
Tel: 622 5704 Fax: 548 8207
Ext. 105
e-mail:
Año: 1998

**Responsable del proyecto CONABIO: FE 9
47**

*Diversidad y distribución geográfica de las especies de culícidos de
Instituto de Investigación de
importancia médica en la región centro-occidental de México
Autónoma de San Luis Potosí*
Número de registros aportados por el proyecto: 231
M en C. Mauricio Casas Martínez
proyecto: 40
casasmc@hotmail.com
Departamento Biología de Vectores
Centro Regional de Investigación en Salud Pública
Desérticas
Instituto Nacional de Salud Pública
19 Poniente Esquina 4ª Norte s/n, Centro
Tapachula, Chis, 62100, México
01 (962) 6 26 22 19 Ext.: 119
e-mail: mcasas@insp.mx
Año:2012

Responsable del proyecto CONABIO: M 3

*Reconocimiento de la biodiversidad de la Reserva de la Biósfera Calakmul:
Odonata, psocóptera y díptera acuáticos (Insecta)*
Número de registros aportados por el proyecto: 858
Dr. Atilano Contreras Ramos
Departamento de Zoología
Instituto de Biología
Universidad Nacional Autónoma de México
Av Universidad # 3000, Ciudad
México, DF, 04510, México
Tel.: 5622-9157, 5622-9067, Fax: 5550-3639,
e-mail: acontreras@ibiologia.unam.mx
Año: 2000

Responsable del proyecto CONABIO: S 122

Odonata de la huasteca potosina (insecta)
Número de registros aportados por el proyecto: 3752
M en C. Enrique González Soriano
Instituto de Biología
Universidad Nacional Autónoma de México
Av Universidad # 3000, Ciudad
México, DF, 04510, México
Tel: 622 5705 Fax: 550 0164
e-mail: esoriano@mail.ibiologia.unam.mx
Año: 2002

Responsable del proyecto CONABIO: S

*Fauna acuática de importancia ecológica
la cuenca del río Moctezuma Querétaro-*
Número de registros aportados por el

Dr. Pedro Joaquín Gutiérrez Yurrita
Licenciatura en Biología
Facultad de Ciencias Naturales
Universidad Autónoma de Querétaro
Cerro de las Campanas s/n, Juriquilla
Querétaro, Qro, 76010, México
Tel/Fax: (442) 215 5393, (442) 215 4777

e-mail: yurrita@uaq.mx
Año: 2002

Responsable del proyecto CONABIO: V

*Base de datos de la Colección zoológica de
zonas desérticas de la Universidad*

(BDCZIID-UASLP)

Número de registros aportados por el

M en C. Guillermo Martínez de la Vega
gmartinezdelavega@yahoo.com
Instituto de Investigación de Zonas

Universidad Autónoma de San Luis Potosí
Altair # 200, Fracc del Llano
San Luis Potosí, SLP, 78377, México
(01)444 842 2359 ext 104
Fax: 842 1146
Año: 2007

Anexo 2 Número de registros por especie

ScientificName	Registros
<i>Erpetogomphus agkistrodon</i>	1
<i>Progomphus marcelae</i>	1
<i>Phyllogomphoides nayaritensis</i>	1
<i>Phyllogomphoides indicatrix</i>	1
<i>Erythrodiplax andagoya</i>	1
<i>Erpetogomphus sipedon</i>	1
<i>Tauriphila argo</i>	1
<i>Heteragrion chrysops</i>	1
<i>Epigomphus subobtusus</i>	1
<i>Epigomphus flinti</i>	1
<i>Aeshna multicolor</i>	1
<i>Argia medullaris</i>	1
<i>Tramea cophysa</i>	1
<i>Heteragrion azulum</i>	2
<i>Progomphus mexicanus</i>	2
<i>Aeshna persephone</i>	2
<i>Aeshna williamsoniana</i>	2
<i>Paltothemis cyanosoma</i>	2
<i>Micrathyria schumanni</i>	2
<i>Lestes simplex</i>	2
<i>Leptobasis melinogaster</i>	2
<i>Amphipteryx longicaudatus</i>	2
<i>Argia herberti</i>	2
<i>Enacantha caribbea</i>	2
<i>Epigomphus crepidus</i>	2
<i>Argia deami</i>	2
<i>Progomphus zonatus</i>	2
<i>Epigomphus sulcatystila</i>	3
<i>Lestes tikalus</i>	3
<i>Archaeogomphus furcatus</i>	3
<i>Argia westfalli</i>	3
<i>Telebasis isthmica</i>	3
<i>Coryphaeschna perrensi</i>	3
<i>Coryphaeschna apeora</i>	3
<i>Neoerythromma gladiolatum</i>	3
<i>Micrathyria atra</i>	4
<i>Heteragrion tricellulare</i>	4
<i>Progomphus lambertoi</i>	4
<i>Progomphus pygmaeus</i>	4

ScientificName	Registros
<i>Rhionaeschna vazquezae</i>	4
<i>Telebasis collopistes</i>	4
<i>Argia percellulata</i>	5
<i>Macrothemis musiva</i>	5
<i>Anomalagrion hastatum</i>	6
<i>Triacanthagyna dentata</i>	6
<i>Ophiogomphus purepecha</i>	6
<i>Coryphaeschna diapyra</i>	6
<i>Progomphus amarillus</i>	6
<i>Gynacantha laticeps</i>	6
<i>Perissolestes magdalenae</i>	6
<i>Miathyria simplex</i>	7
<i>Rhionaeschna dugesi</i>	7
<i>Argia pocomana</i>	7
<i>Triacanthagyna trifida</i>	7
<i>Macrothemis ultima</i>	7
<i>Progomphus belyshevi</i>	7
<i>Protoneura rojiza</i>	7
<i>Micrathyria dissocians</i>	8
<i>Macrothemis hemichlora</i>	8
<i>Erpetogomphus crotalinus</i>	8
<i>Libellula gagei</i>	9
<i>Triacanthagyna caribbea</i>	9
<i>Triacanthagyna ditzleri</i>	9
<i>Erpetogomphus cophias</i>	10
<i>Phyllogomphoides danieli</i>	10
<i>Macromia annulata</i>	11
<i>Leptobasis candelaria</i>	11
<i>Erythrodiplax connata</i>	12
<i>Lestes sigma</i>	12
<i>Remartinia luteipennis</i>	12
<i>Argia carlcooki</i>	13
<i>Telebasis filiola</i>	13
<i>Macromia magnifica</i>	13
<i>Anax concolor</i>	13
<i>Brechmorhoga nubecula</i>	13
<i>Idiataphe cubensis</i>	13
<i>Orthemis levis</i>	14
<i>Paraphlebia hyalina</i>	14

ScientificName	Registros
<i>Agriogomphus tumens</i>	14
<i>Erythemis haematogastra</i>	15
<i>Acanthagrion inexpectum</i>	15
<i>Palaemnema domina</i>	15
<i>Telebasis griffinii</i>	16
<i>Macrothemis imitans</i>	16
<i>Argia variabilis</i>	16
<i>Erythemis mithroides</i>	17
<i>Erythrodiplax basifusca</i>	17
<i>Argia lacrimans</i>	17
<i>Tremea binotata</i>	17
<i>Hetaerina pilula</i>	18
<i>Psaironeura remissa</i>	19
<i>Argia calida</i>	19
<i>Phyllocycla elongata</i>	19
<i>Lestes alfonsoi</i>	19
<i>Brechmorhoga mendax</i>	19
<i>Erpetogomphus compositus</i>	19
<i>Argia funcki</i>	20
<i>Gomphus gonzalezi</i>	20
<i>Anax walsinghami</i>	20
<i>Rhionaeschna jalapensis</i>	21
<i>Epigomphus donnellyi</i>	21
<i>Brechmorhoga tepeaca</i>	21
<i>Sympetrum signiferum</i>	21
<i>Phyllogomphoides pacificus</i>	22
<i>Tauriphila australis</i>	22
<i>Progomphus borealis</i>	22
<i>Paltothemis lineatipes</i>	22
<i>Nephepeltia chalconota</i>	22
<i>Dythemis maya</i>	23
<i>Ischnura demorsa</i>	23
<i>Remartinia secreta</i>	23
<i>Planiplax sanguiventris</i>	24
<i>Pseudostigma accedens</i>	24
<i>Phyllogomphoides apiculatus</i>	24
<i>Erpetogomphus boa</i>	24
<i>Erpetogomphus eutainia</i>	25
<i>Stylurus falcatus</i>	25
<i>Brachymesia herbida</i>	25
<i>Lestes forficula</i>	26
<i>Libellula herculea</i>	26
<i>Archilestes latialatus</i>	26

ScientificName	Registros
<i>Micrathyria ocellata</i>	26
<i>Oplonaeschna magna</i>	26
<i>Aphylla protracta</i>	27
<i>Tremea abdominalis</i>	27
<i>Gynacantha helenga</i>	28
<i>Gynacantha mexicana</i>	29
<i>Argia popoluca</i>	29
<i>Coryphaeschna viriditas</i>	30
<i>Argia pallens</i>	31
<i>Leptobasis lucifer</i>	32
<i>Orthemis discolor</i>	33
<i>Erythemis peruviana</i>	33
<i>Argia tarascana</i>	33
<i>Libellula nodisticta</i>	34
<i>Cordulegaster diadema</i>	35
<i>Micrathyria hagenii</i>	35
<i>Hetaerina infecta</i>	36
<i>Macrothemis inacuta</i>	37
<i>Brachymesia furcata</i>	37
<i>Nehalennia minuta</i>	37
<i>Mecistogaster ornata</i>	37
<i>Hesperagrion heterodoxum</i>	39
<i>Anax amazili</i>	39
<i>Argia harknessi</i>	39
<i>Lestes alacer</i>	40
<i>Tholymis citrina</i>	41
<i>Pseudostigma aberrans</i>	41
<i>Elasmothermis cannaerioides</i>	42
<i>Phyllocycla volsella</i>	42
<i>Rhionaeschna multicolor</i>	43
<i>Argia nahuana</i>	44
<i>Aphylla angustifolia</i>	44
<i>Phyllogomphoides albrighti</i>	45
<i>Palaemnema paulitaba</i>	45
<i>Coryphaeschna adnexa</i>	50
<i>Erpetogomphus elaps</i>	50
<i>Erythemis attala</i>	51
<i>Argia indicatrix</i>	52
<i>Argia pipila</i>	52
<i>Erpetogomphus ophibolus</i>	53
<i>Tauriphila azteca</i>	54
<i>Argia lugens</i>	55
<i>Megaloprepus caerulatus</i>	55

ScientificName	Registros
<i>Phyllogomphoides pugnifer</i>	58
<i>Erythemis collocata</i>	59
<i>Erpetogomphus viperinus</i>	61
<i>Protoneura aurantiaca</i>	61
<i>Cordulegaster dorsalis</i>	63
<i>Oplonaeschna armata</i>	63
<i>Enallagma semicirculare</i>	63
<i>Micrathyria debilis</i>	66
<i>Sympetrum illotum</i>	67
<i>Hetaerina sempronina</i>	68
<i>Argia anceps</i>	69
<i>Tramea lacerata</i>	70
<i>Argia cuprea</i>	71
<i>Perithemis intensa</i>	71
<i>Lestes tenuatus</i>	72
<i>Erythrodiplax berenice</i>	75
<i>Gynacantha nervosa</i>	75
<i>Rhionaeschna psilus</i>	75
<i>Argia tezpi</i>	80
<i>Macrothemis inequiunguis</i>	84
<i>Phyllogomphoides luisi</i>	86
<i>Macrothemis pseudimitans</i>	87
<i>Heteragrion albifrons</i>	89
<i>Anatya guttata</i>	90
<i>Hetaerina vulnerata</i>	90
<i>Phyllocycla breviphylla</i>	95
<i>Brechmorhoga rapax</i>	98
<i>Tramea calverti</i>	98
<i>Erpetogomphus constrictor</i>	99
<i>Mecistogaster modesta</i>	99
<i>Progomphus clendoni</i>	100
<i>Perithemis domitia</i>	101
<i>Erythrodiplax funerea</i>	103
<i>Neoneura paya</i>	103
<i>Ischnura denticollis</i>	103
<i>Pantala hymenaea</i>	104
<i>Erythrodiplax fervida</i>	104
<i>Argia barretti</i>	104
<i>Miathyria marcella</i>	106
<i>Apanisagrion lais</i>	107
<i>Erpetogomphus bothrops</i>	107
<i>Dythemis nigrescens</i>	108
<i>Pseudoleon superbus</i>	108

ScientificName	Registros
<i>Archilestes regalis</i>	110
<i>Tramea onusta</i>	112
<i>Perithemis mooma</i>	112
<i>Micrathyria didyma</i>	113
<i>Erythemis plebeja</i>	114
<i>Enallagma basidens</i>	116
<i>Erythemis vesiculosa</i>	116
<i>Libellula croceipennis</i>	117
<i>Phyllogomphoides duodentatus</i>	119
<i>Ischnura capreolus</i>	121
<i>Brechmorhoga praecox</i>	122
<i>Protoneura corculum</i>	125
<i>Argia immunda</i>	125
<i>Protoneura cupida</i>	126
<i>Neoerythromma cultellatum</i>	132
<i>Cora marina</i>	132
<i>Argia fumipennis</i>	132
<i>Micrathyria aequalis</i>	134
<i>Cannaphila vibex</i>	134
<i>Telebasis digiticollis</i>	138
<i>Argia rhoadsi</i>	138
<i>Brechmorhoga vivax</i>	141
<i>Dythemis velox</i>	142
<i>Enallagma praevarum</i>	144
<i>Argia fissa</i>	152
<i>Protoneura cara</i>	156
<i>Paraphlebia quinta</i>	156
<i>Heteragrion alienum</i>	164
<i>Paraphlebia zoe</i>	166
<i>Argia plana</i>	166
<i>Triacanthagyna septima</i>	169
<i>Hetaerina capitalis</i>	176
<i>Argia gaumeri</i>	176
<i>Argia frequentula</i>	181
<i>Ischnura hastata</i>	183
<i>Neoneura amelia</i>	184
<i>Erythrodiplax fusca</i>	188
<i>Leptobasis vacillans</i>	189
<i>Ischnura posita</i>	193
<i>Sympetrum corruptum</i>	194
<i>Cannaphila insularis</i>	198
<i>Orthemis ferruginea</i>	205
<i>Argia oculata</i>	206

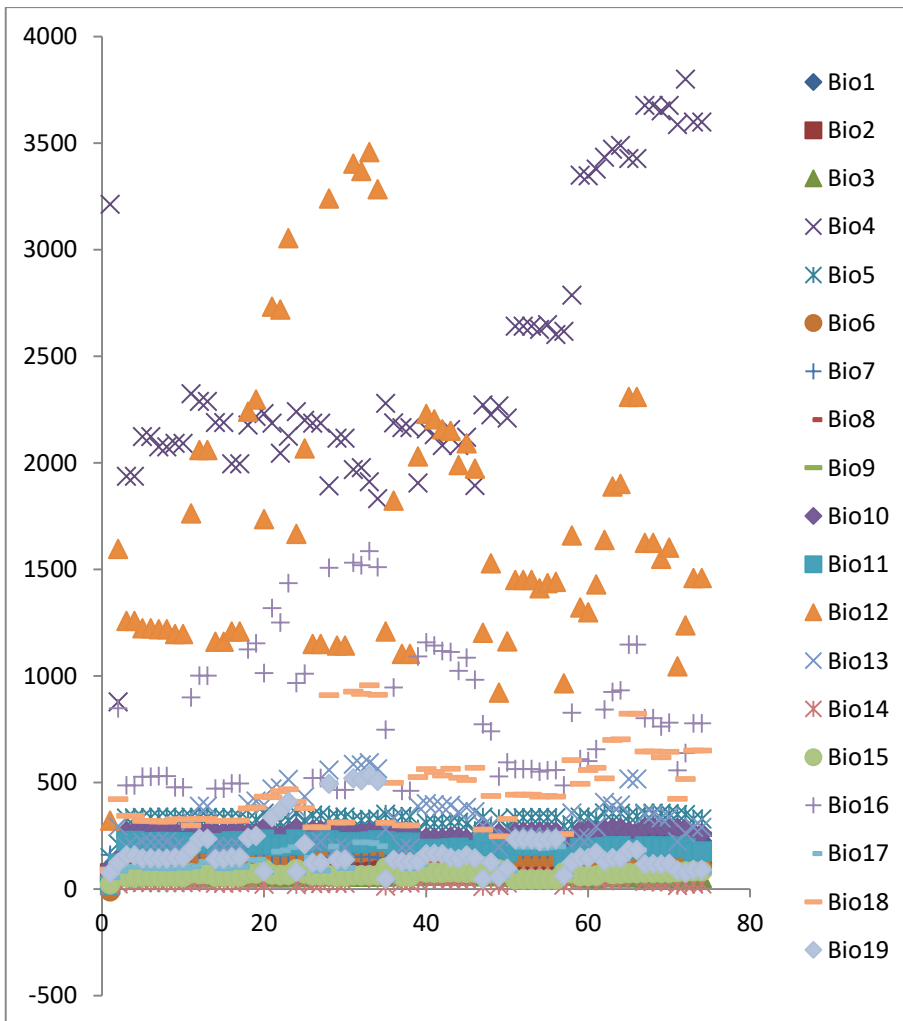
ScientificName	Registros
<i>Brechmorhoga pertinax</i>	209
<i>Argia ulmeca</i>	215
<i>Hetaerina cruentata</i>	216
<i>Lestes unguiculatus</i>	225
<i>Argia extranea</i>	234
<i>Argia oenea</i>	241
<i>Palaemnema desiderata</i>	243
<i>Pantala flavescens</i>	247
<i>Enallagma novaehispaniae</i>	257
<i>Lestes rectangularis</i>	259
<i>Ischnura ramburii</i>	265
<i>Libellula saturata</i>	270
<i>Erythrodiplax umbrata</i>	275
<i>Acanthagrion quadratum</i>	290
<i>Phyllogomphoides suasus</i>	294
<i>Dythemis multipunctata</i>	297
<i>Hetaerina occisa</i>	306
<i>Telebasis salva</i>	313

ScientificName	Registros
<i>Palaemnema paulitoyaca</i>	322
<i>Archilestes grandis</i>	326
<i>Argia garrisoni</i>	344
<i>Dythemis sterilis</i>	360
<i>Hetaerina titia</i>	402
<i>Argia pulla</i>	410
<i>Argia translata</i>	417
<i>Anax junius</i>	425
<i>Perithemis tenera</i>	437
<i>Libellula luctuosa</i>	540
<i>Erythemis simplicicollis</i>	620
<i>Argia vivida</i>	630
<i>Pachydiplax longipennis</i>	652
<i>Ischnura verticalis</i>	678
<i>Argia sedula</i>	694
<i>Palaemnema paucicoba</i>	714
<i>Enallagma civile</i>	966
<i>Hetaerina americana</i>	1008

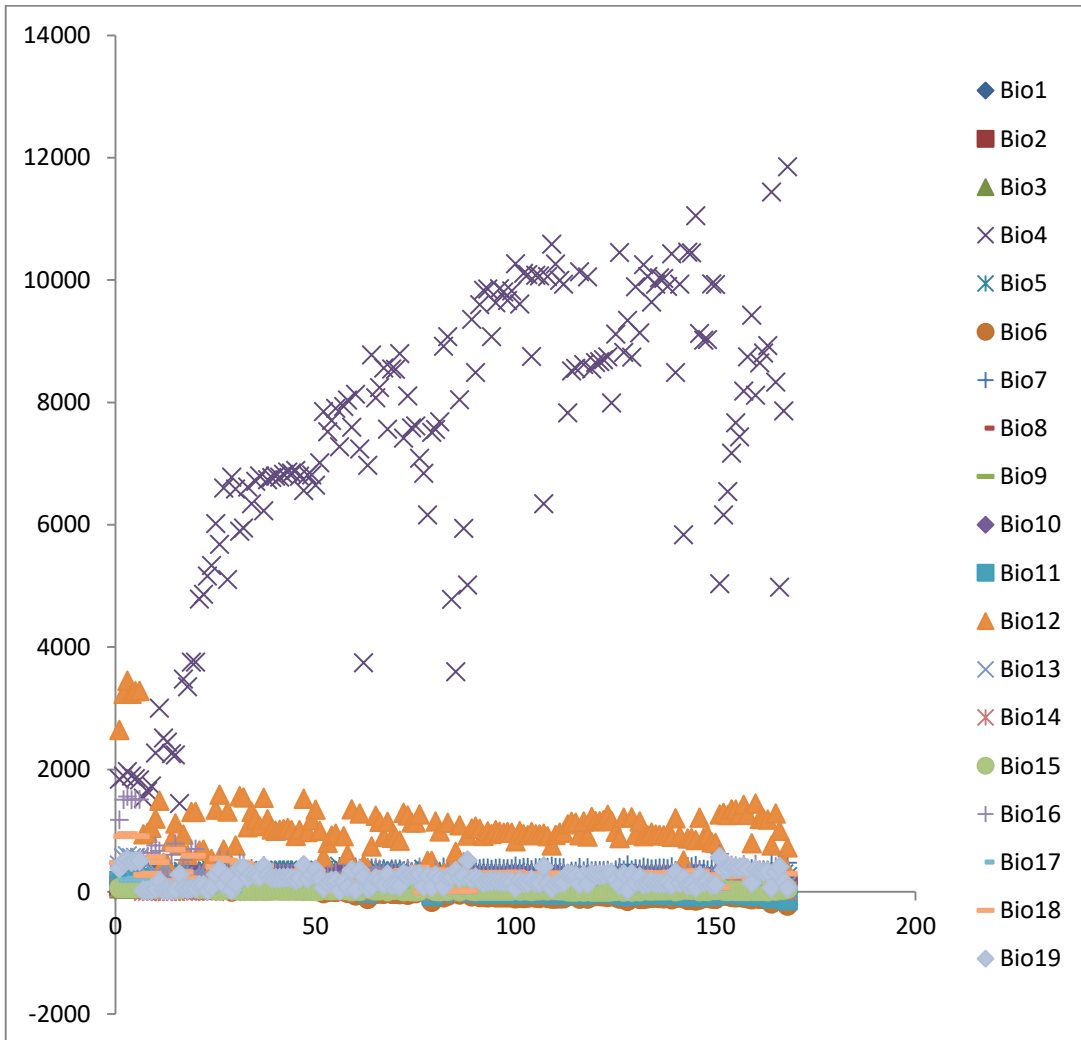
Anexo 3 Calidad de la información

Comportamiento de registros vs variables ambientales

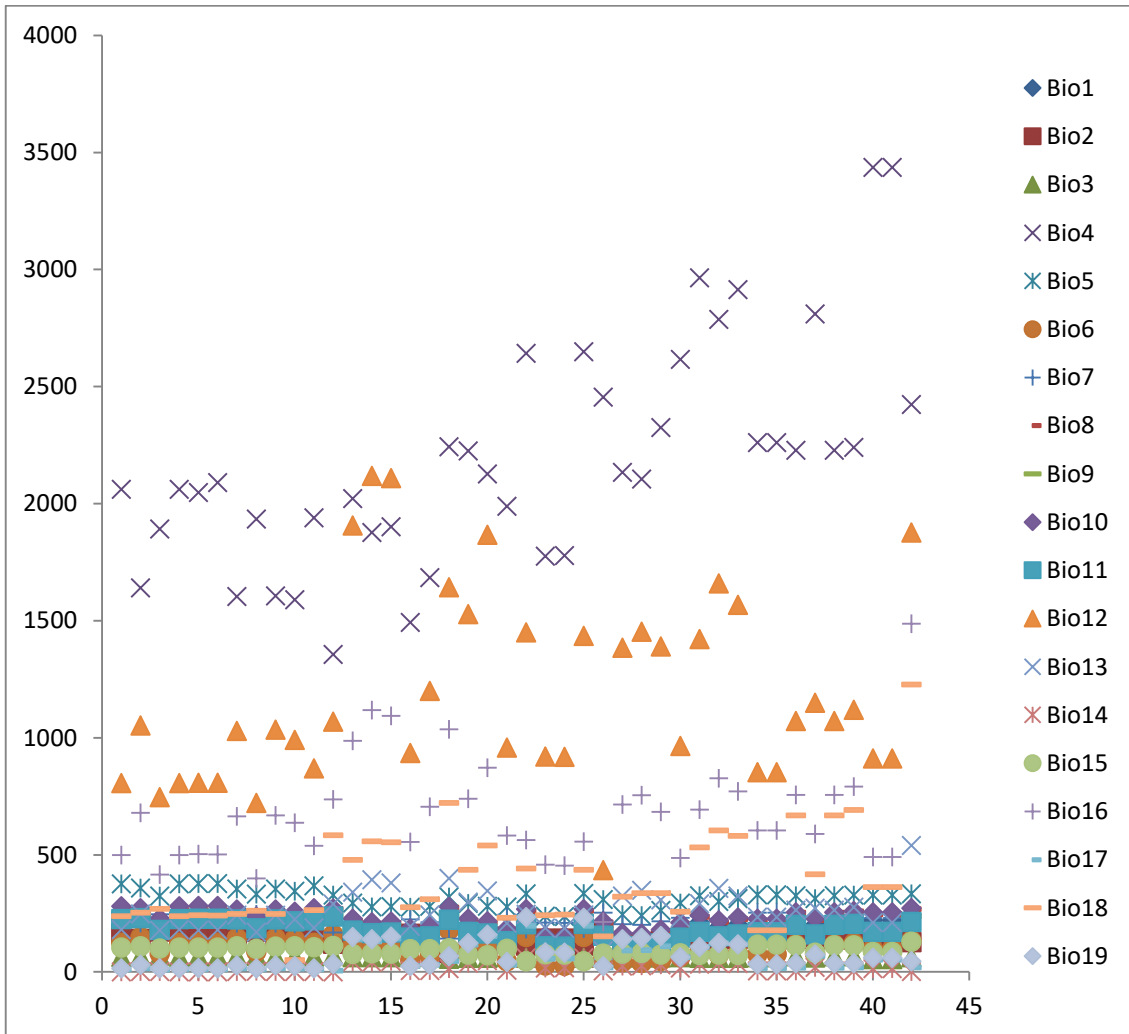
Acanthagrion_quadratum



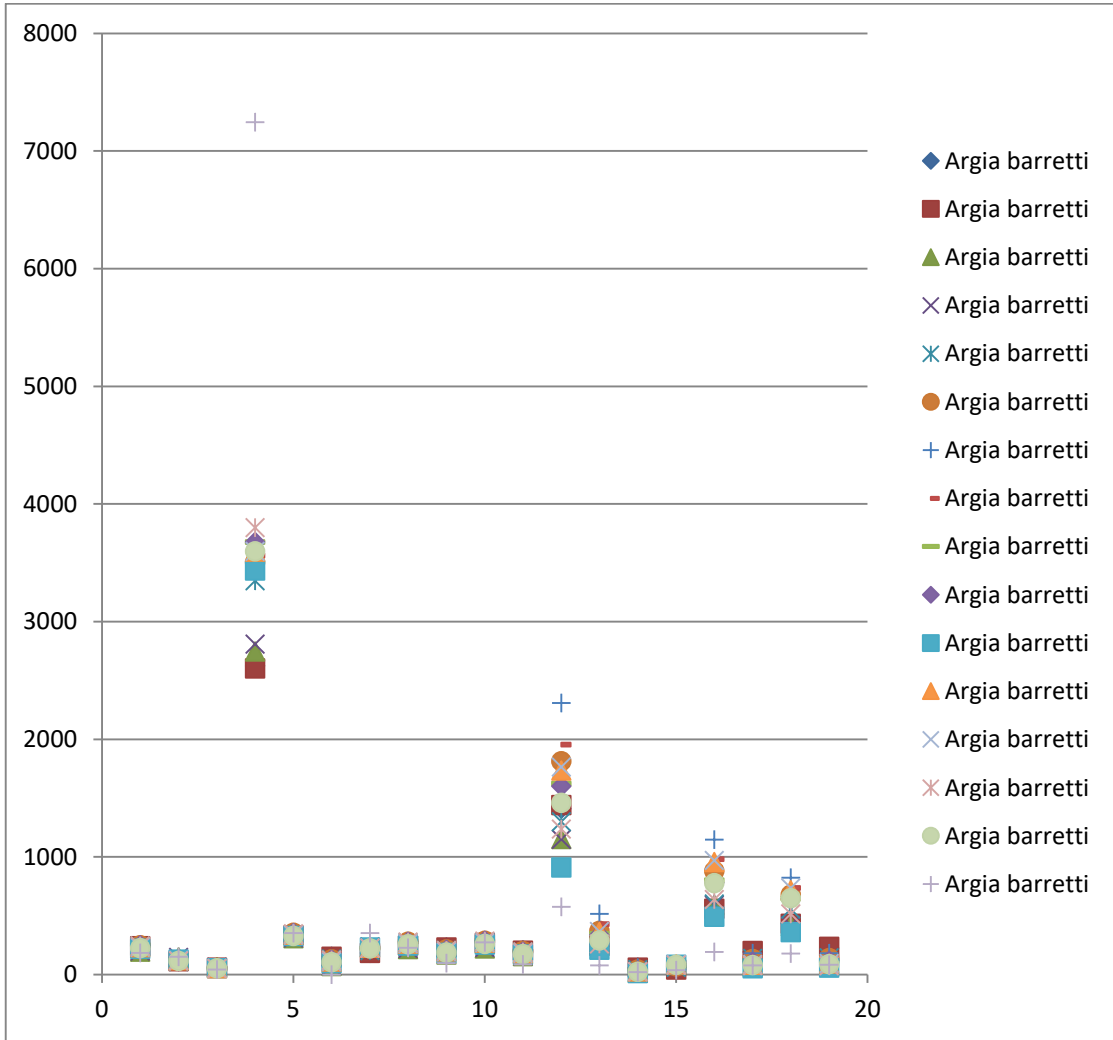
Anax junius



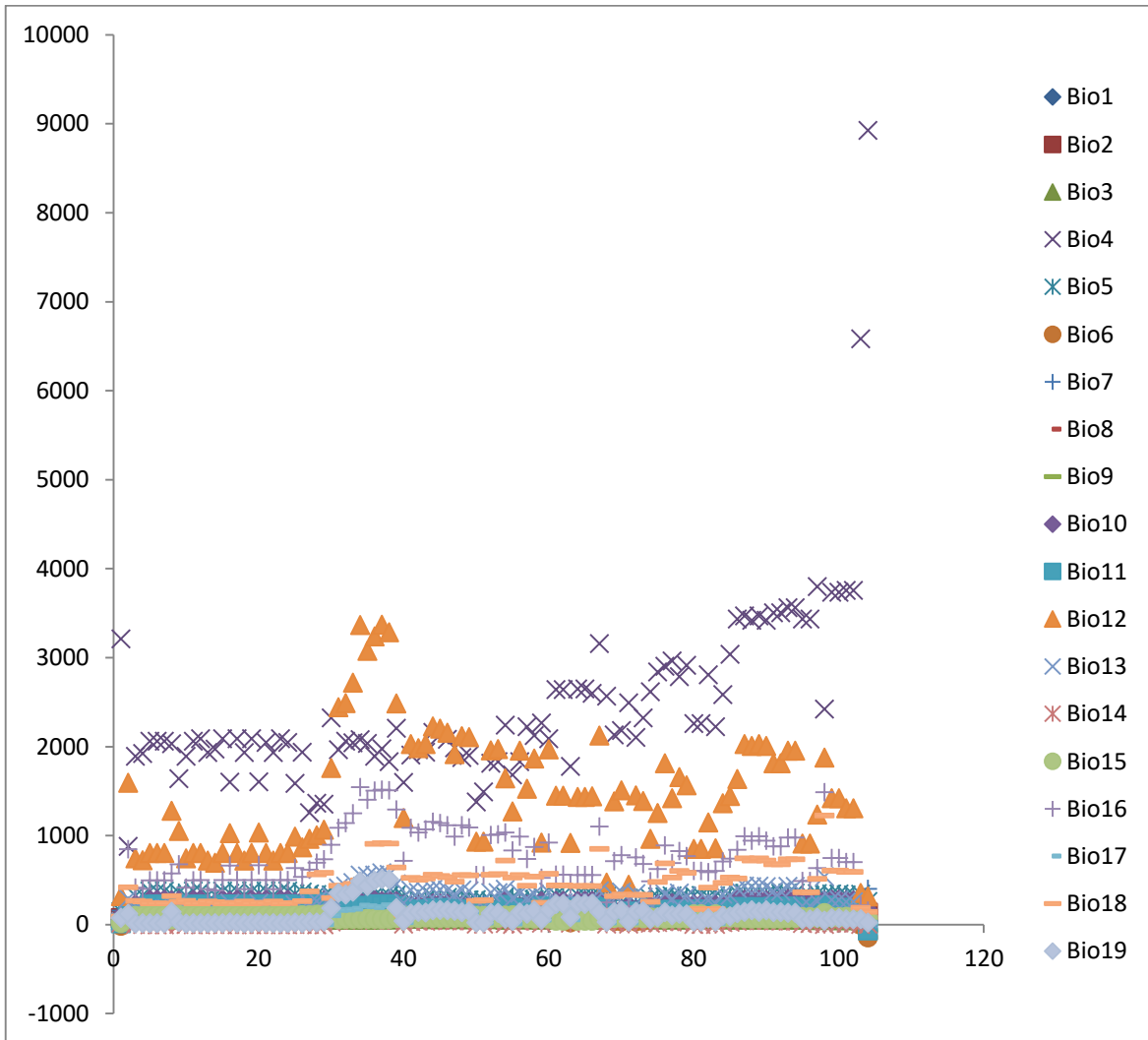
Apanisagrion lais



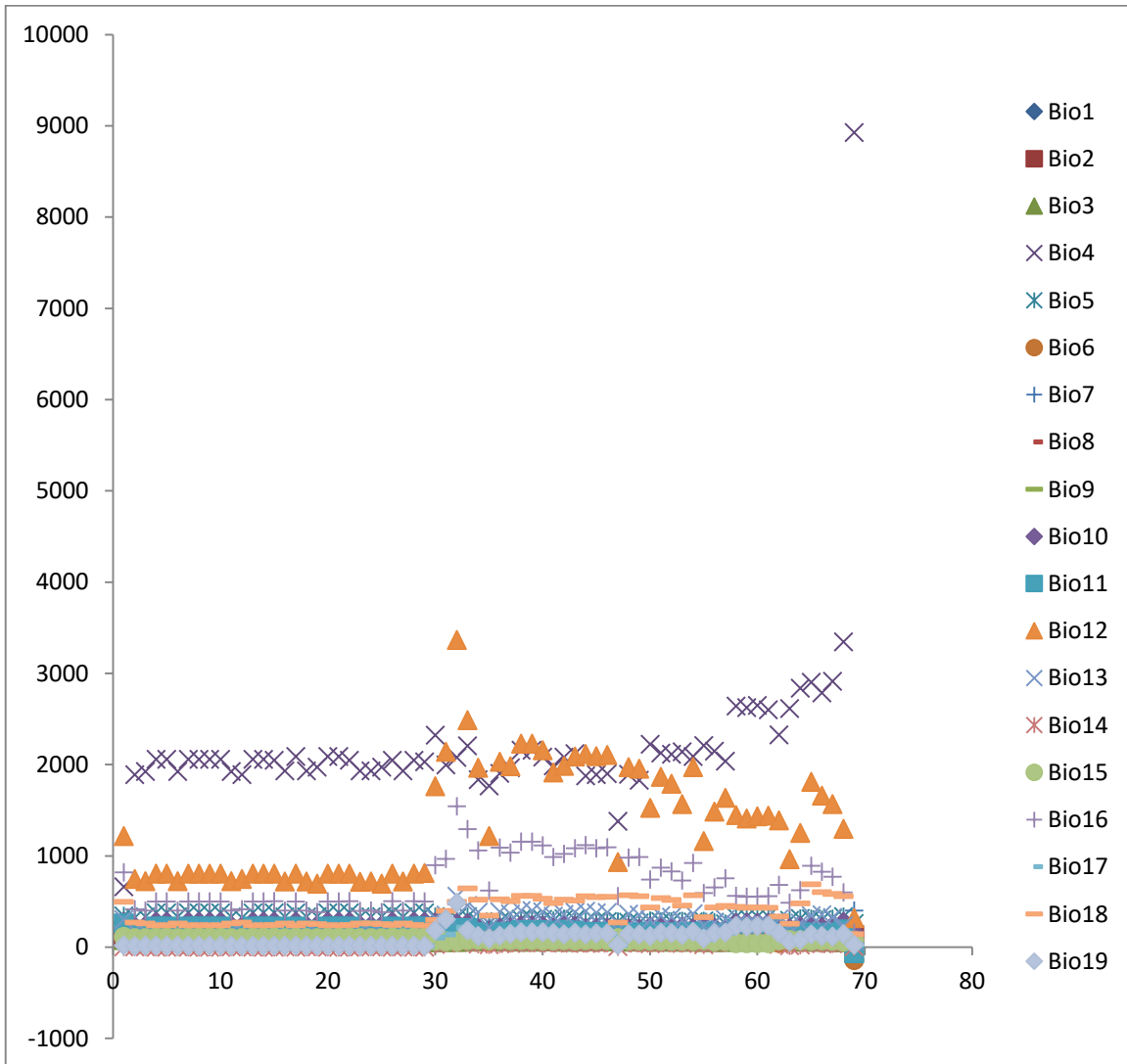
Argia_barretti



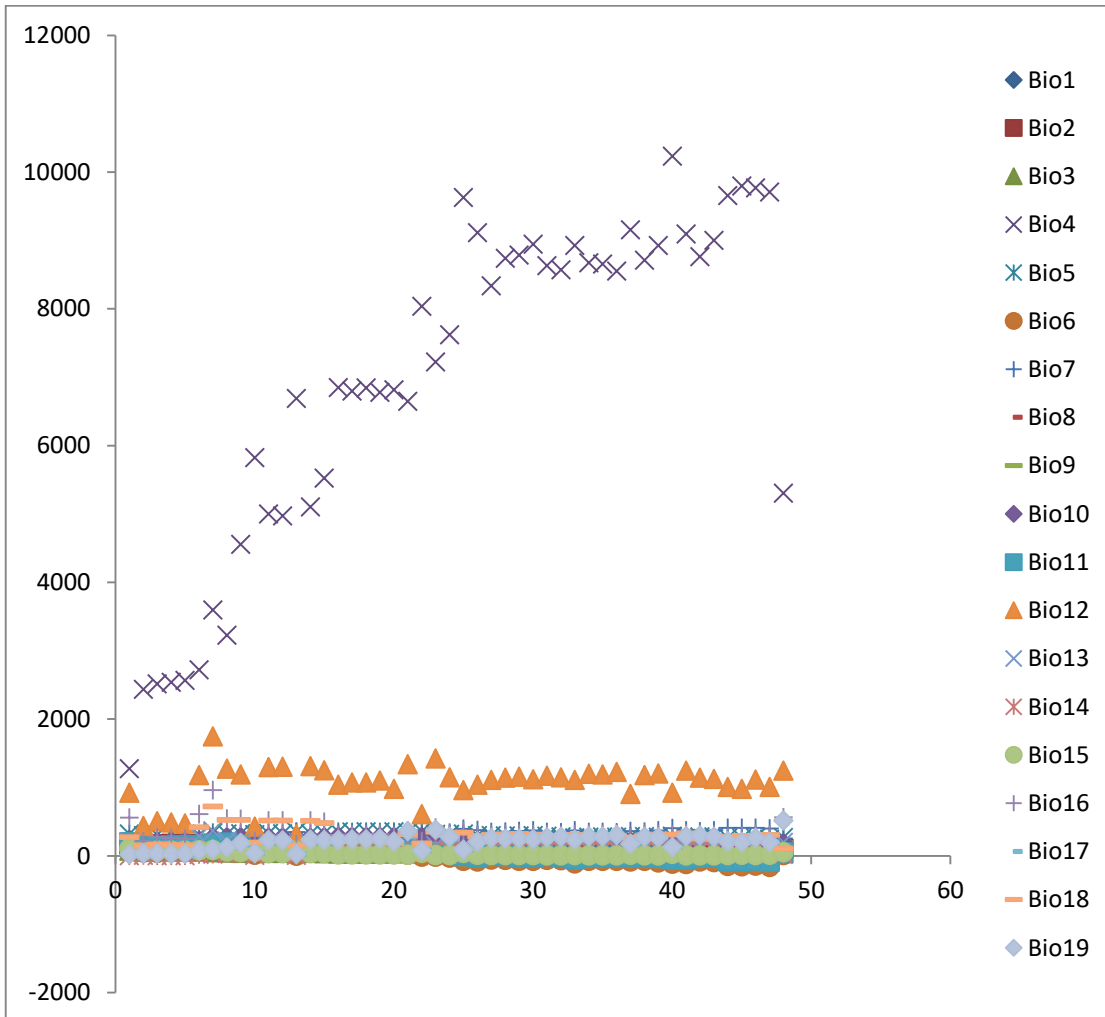
Argia_extranea



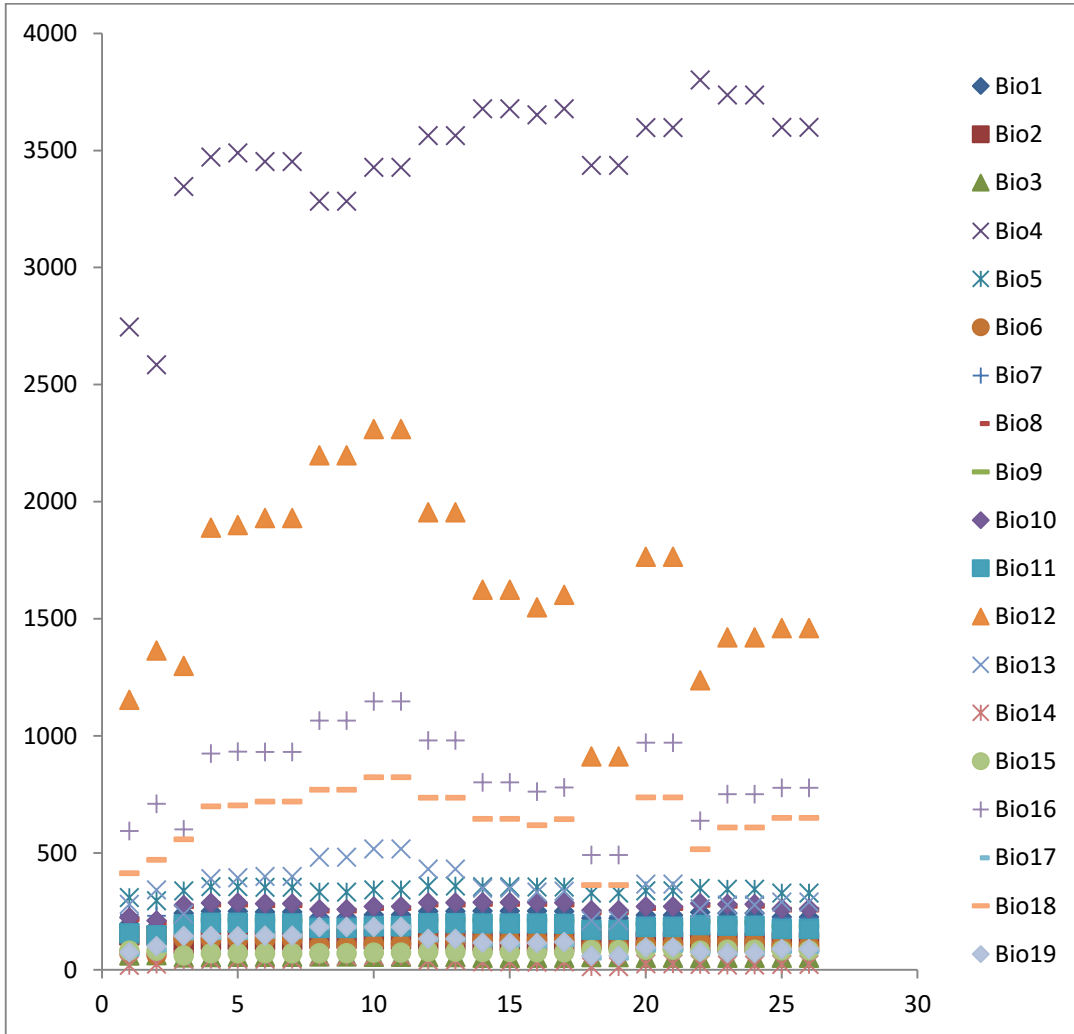
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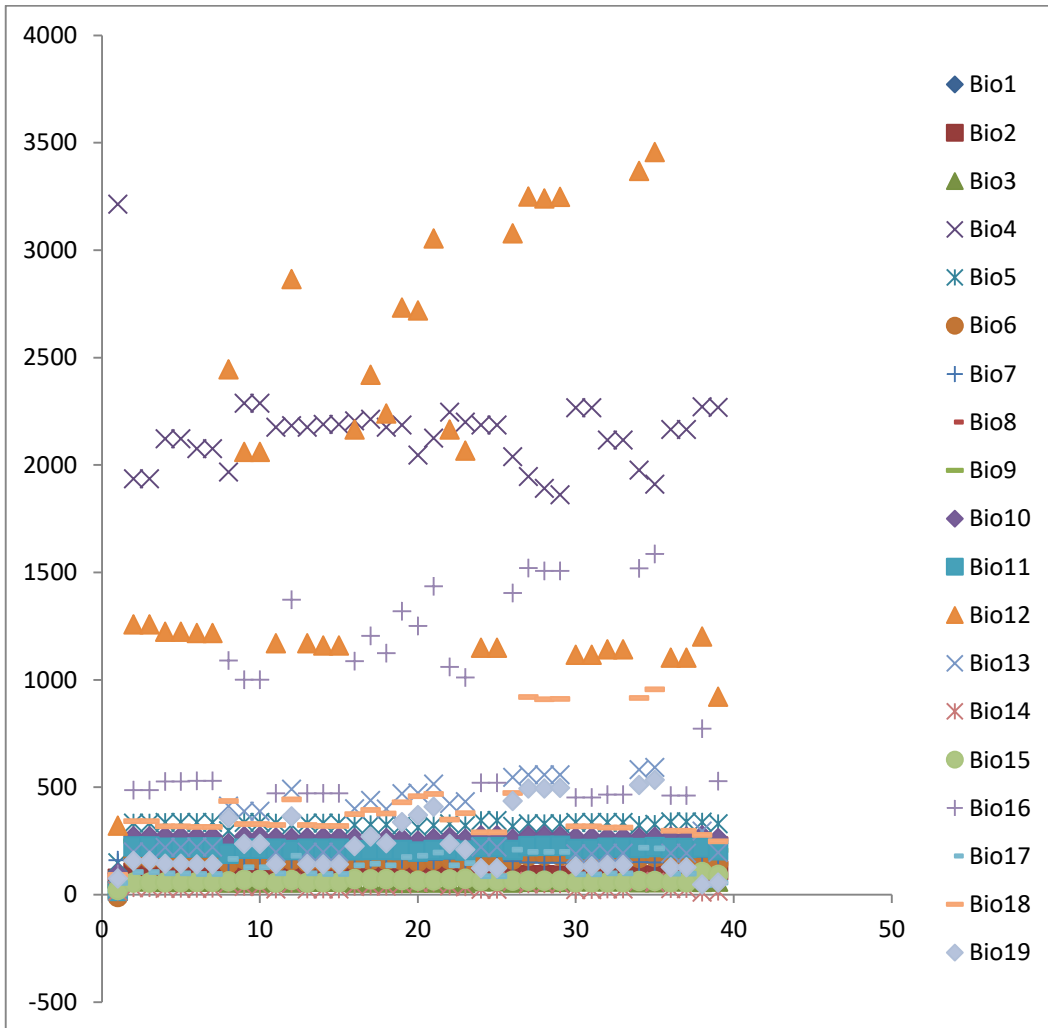
Argia_fumipennis



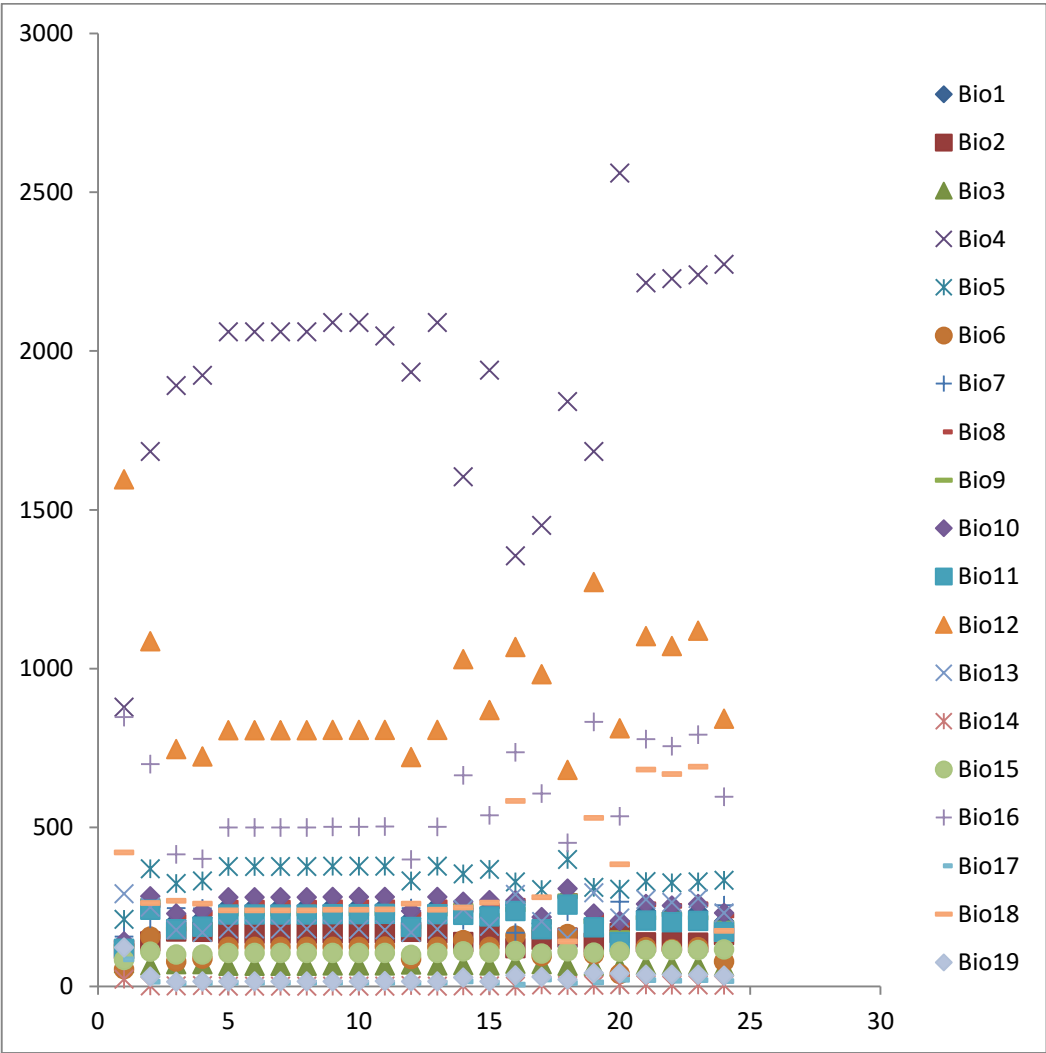
Argia_garrisoni



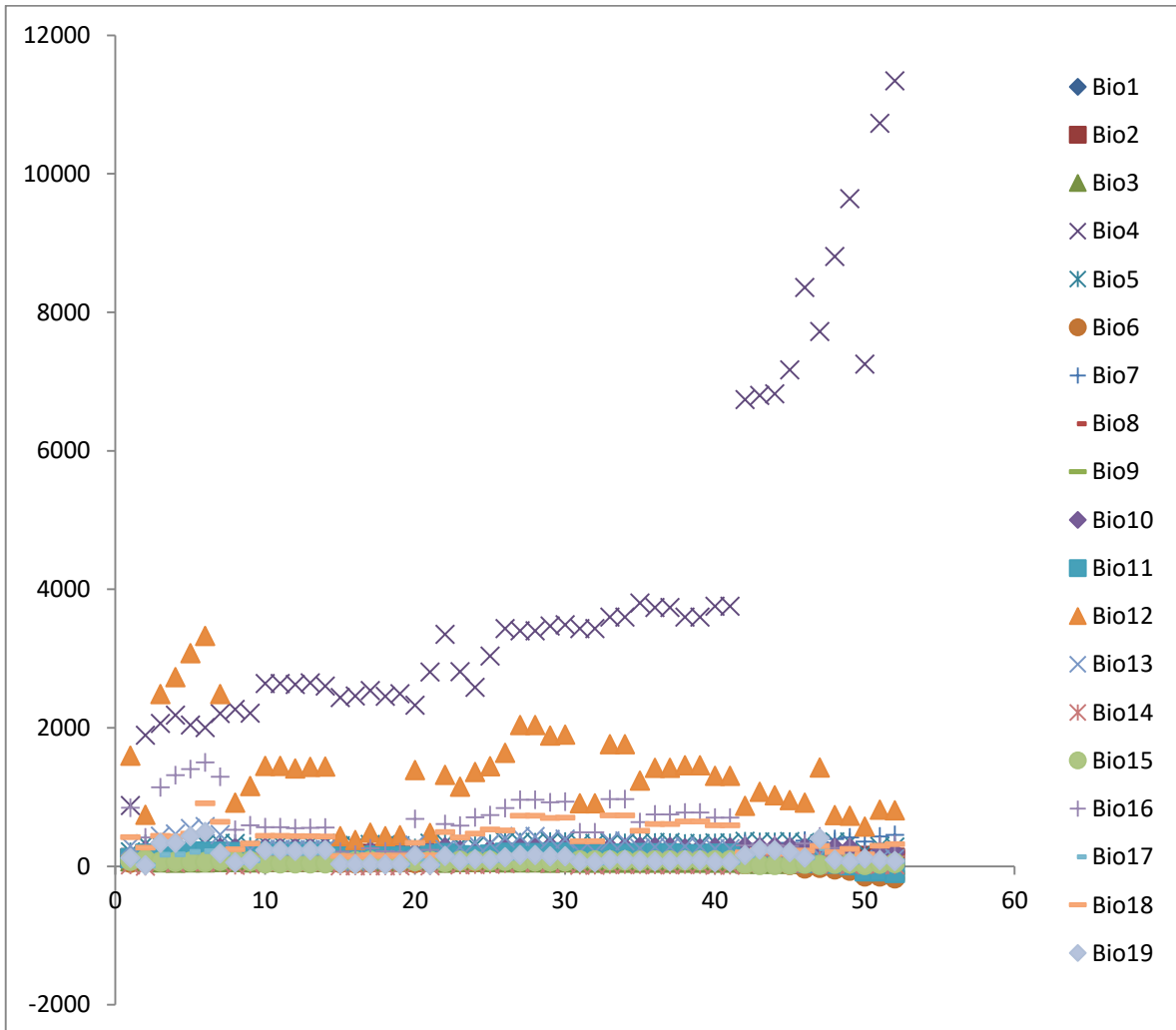
Argia_gaumeri



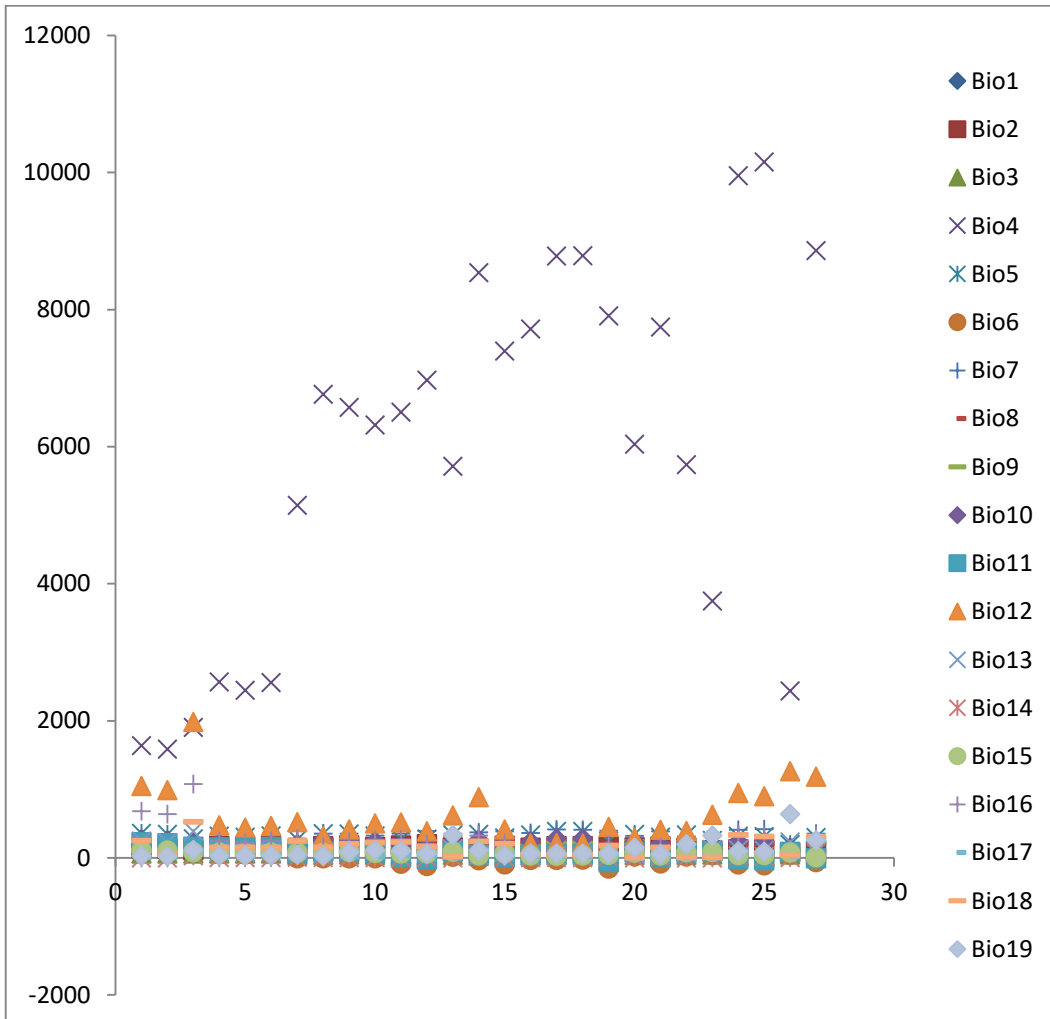
Argia_harknessi



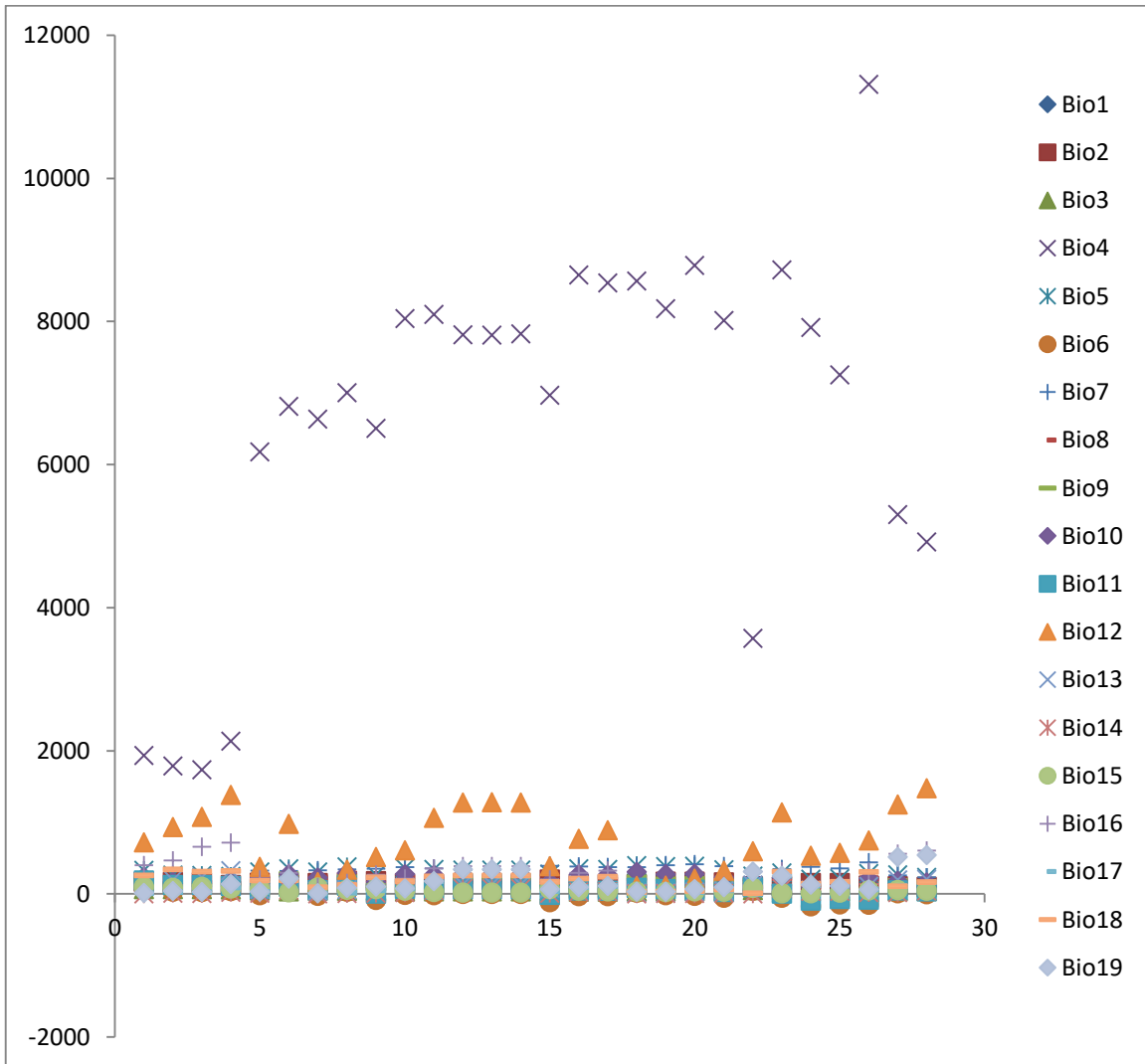
Argia_immunda



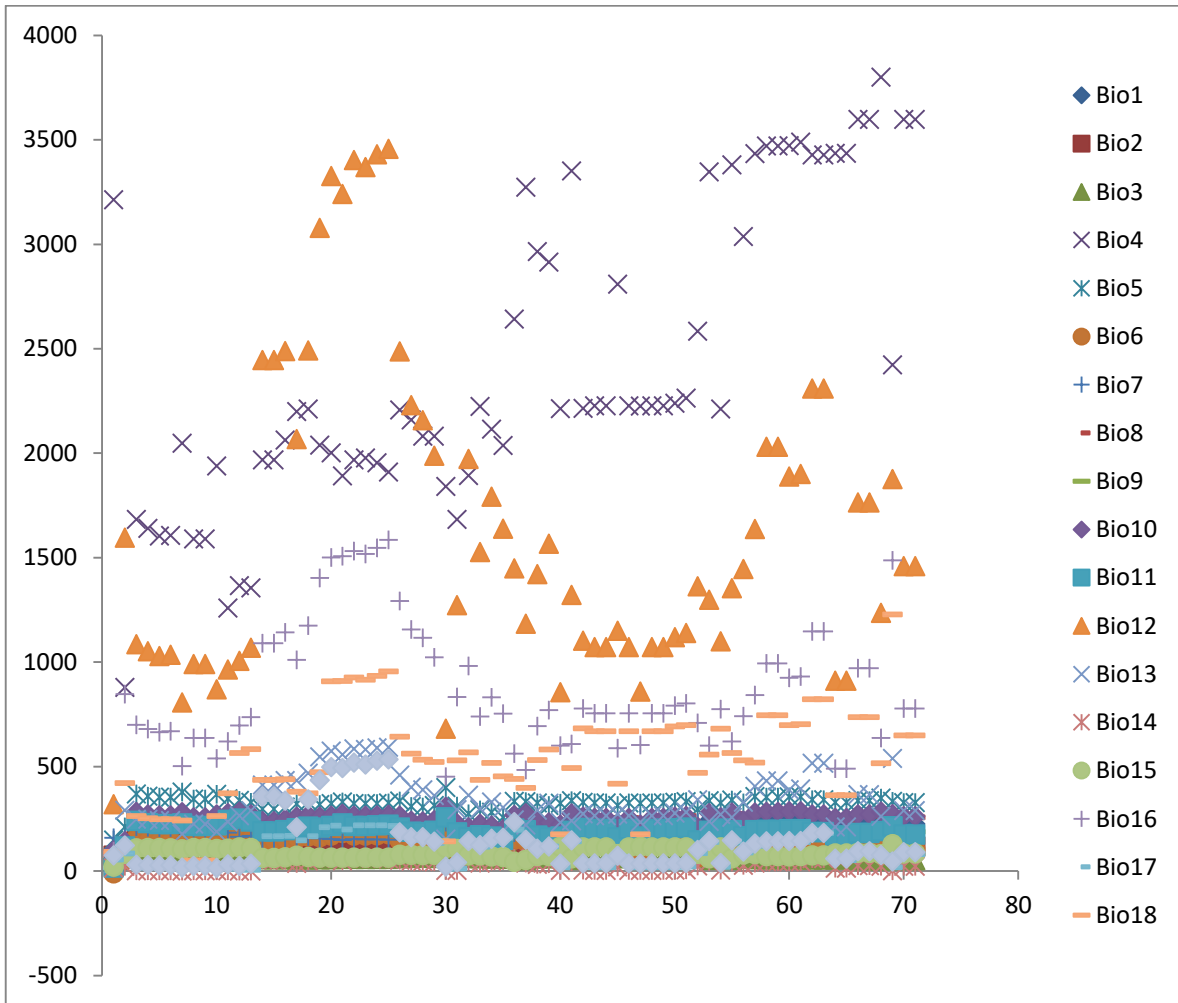
Argia_lugens



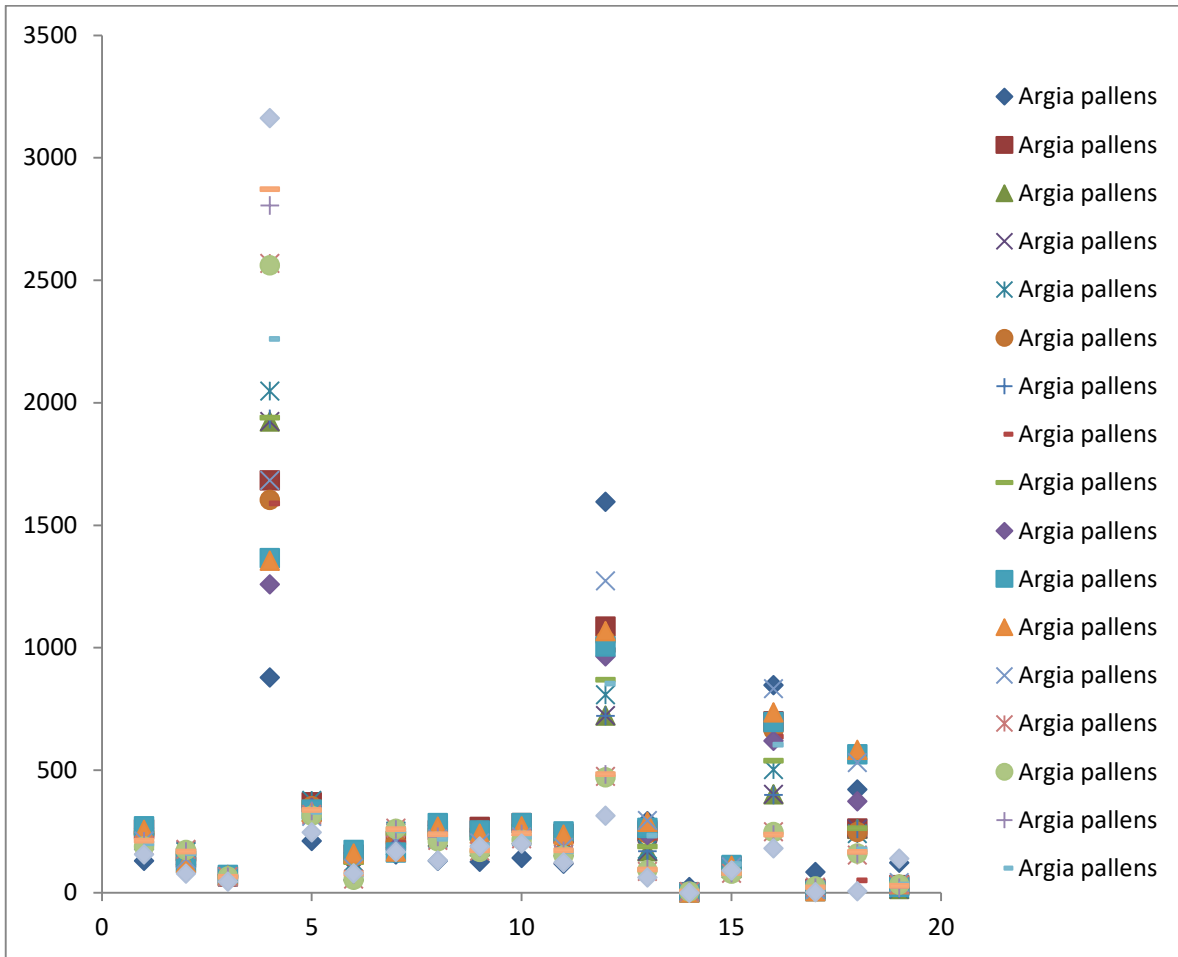
Argia_nahuana



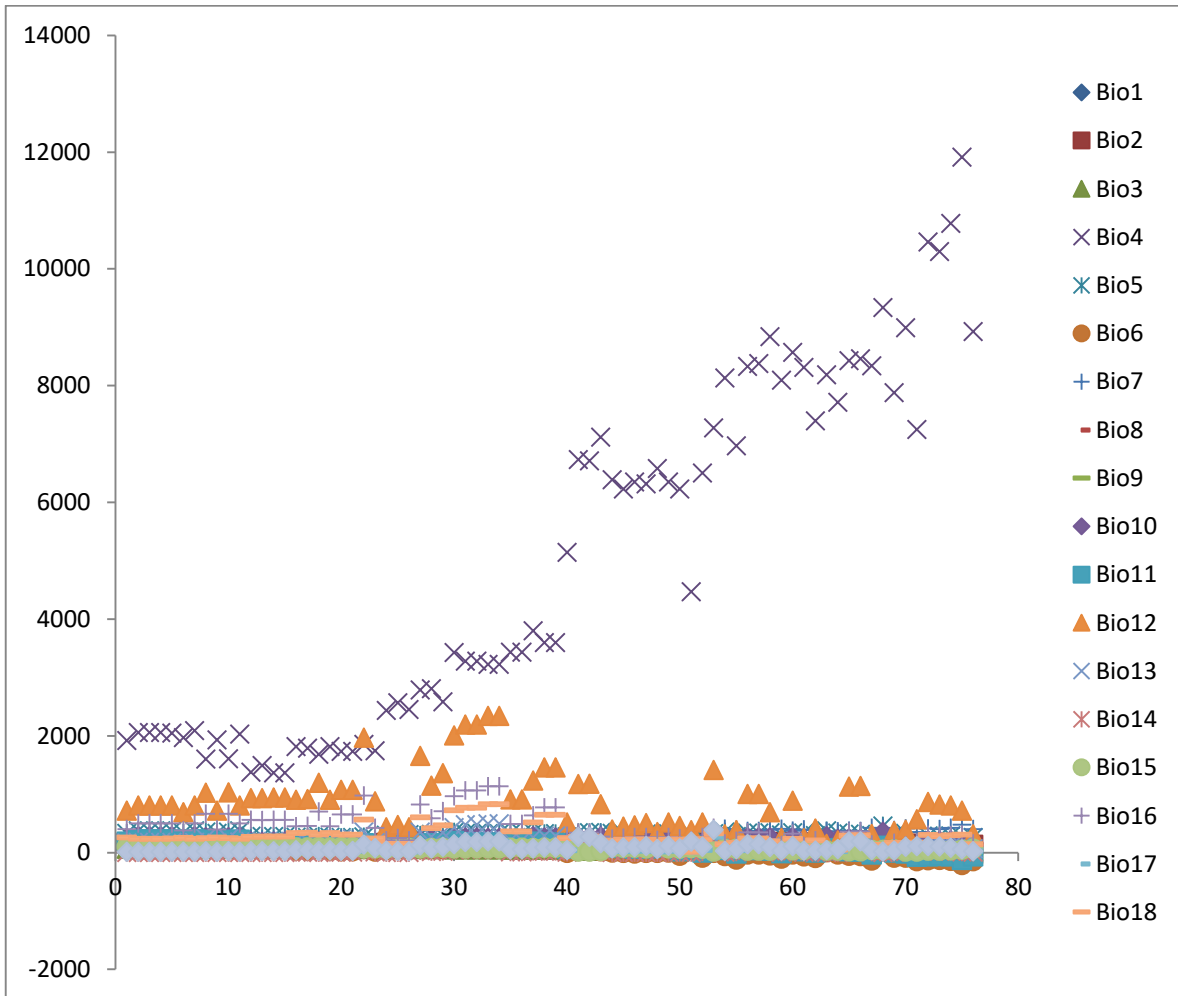
Argia_oculata



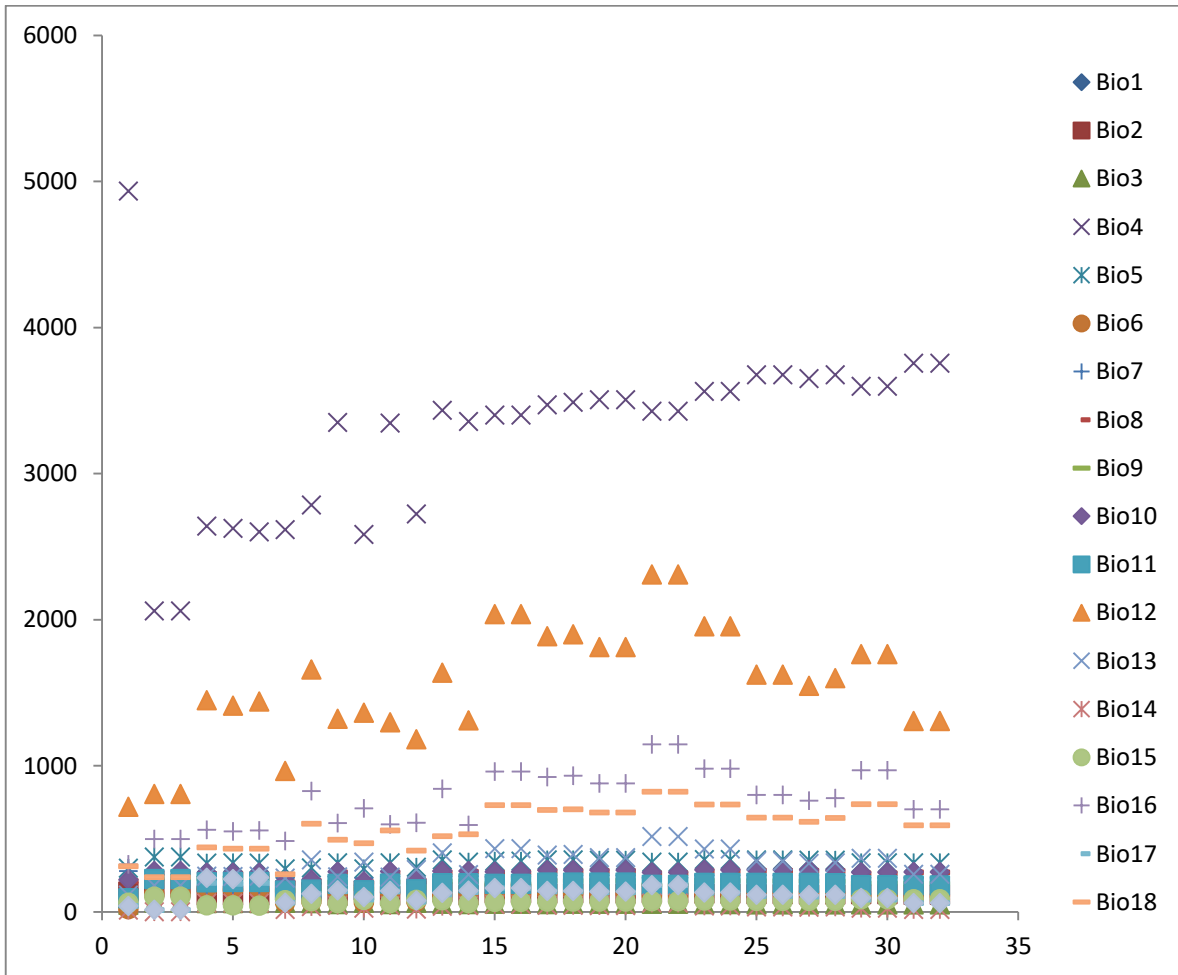
Argia_pallens



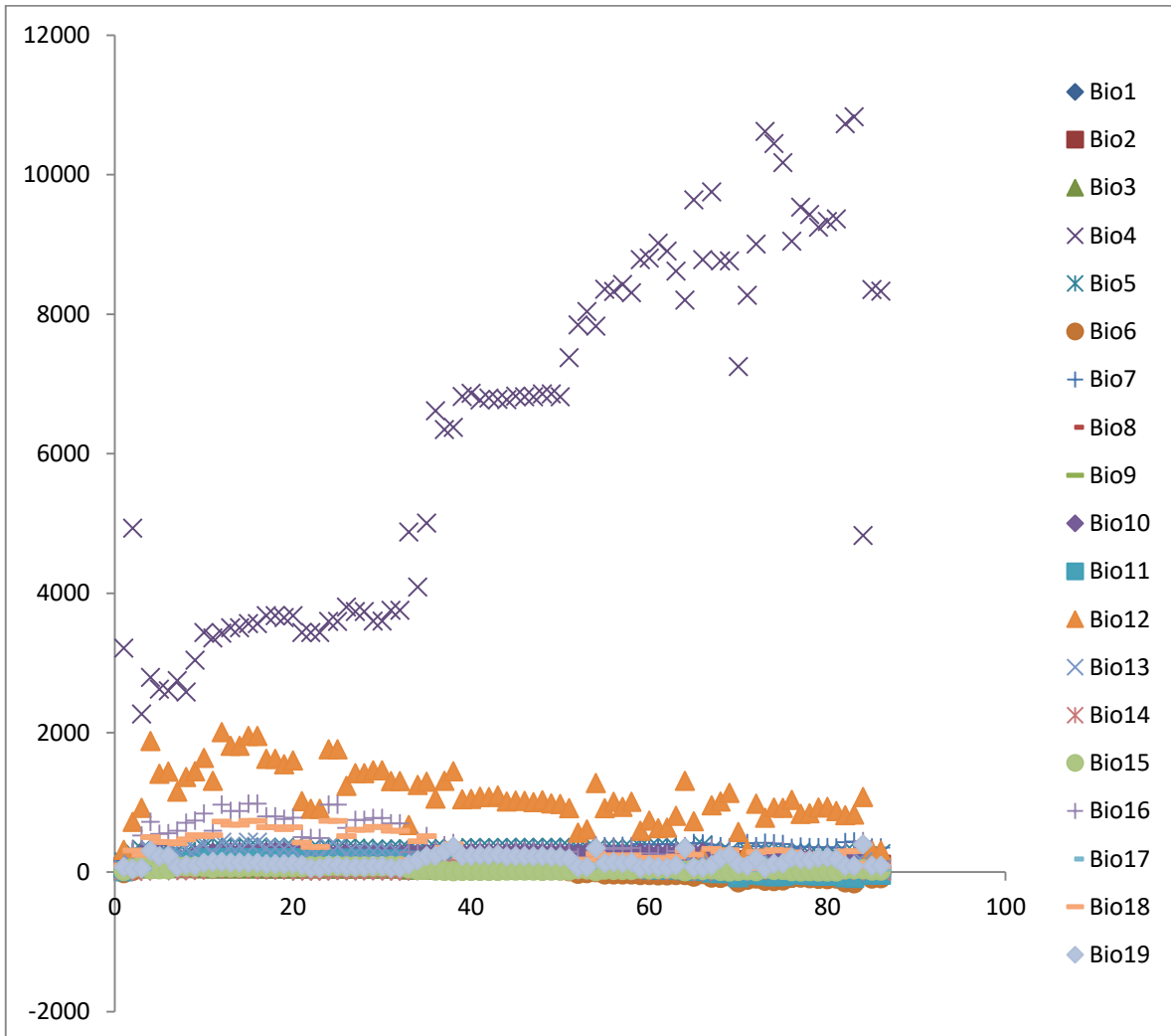
Argia_plana



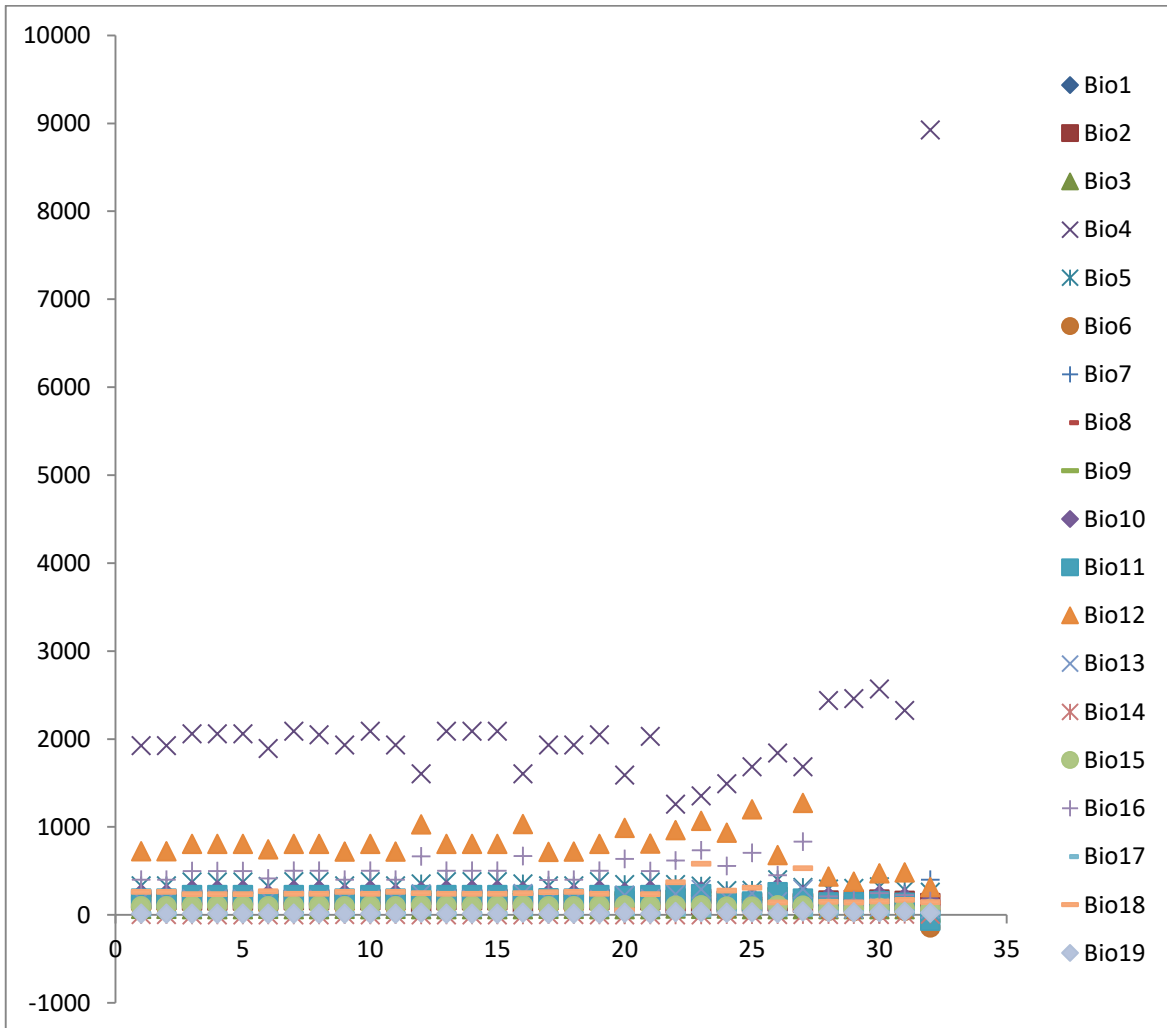
Argia_rhoadsi



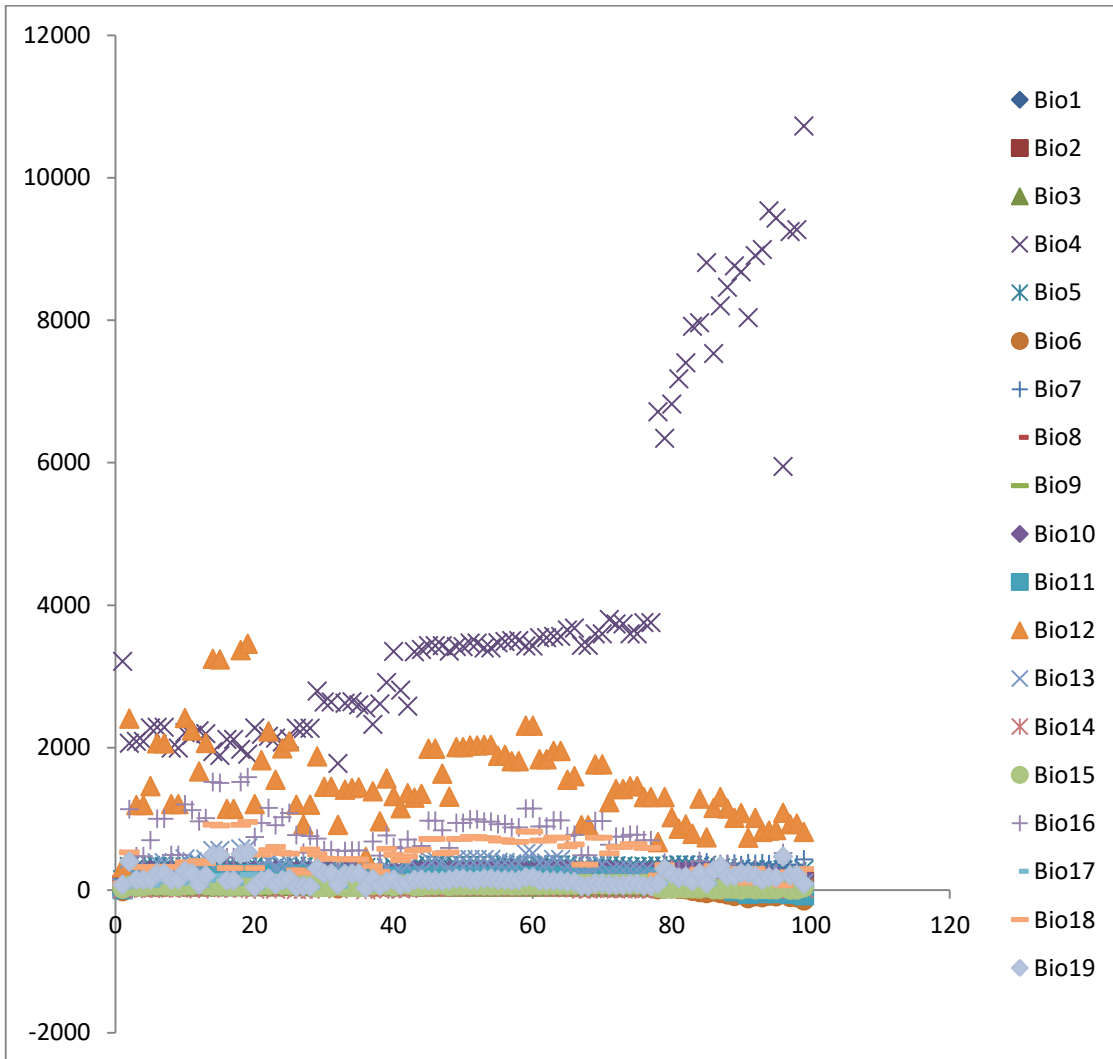
Argia_sedula



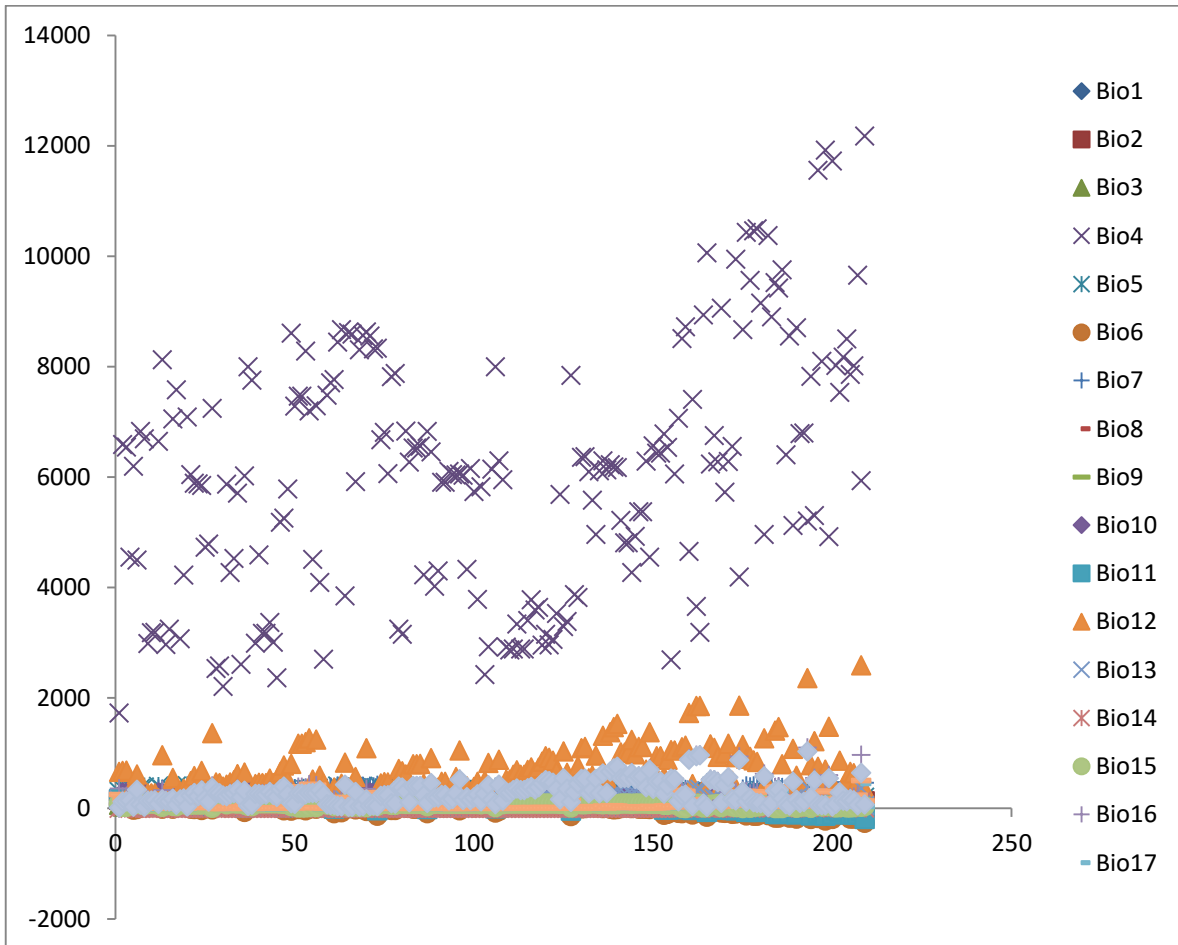
Argia_tarascana



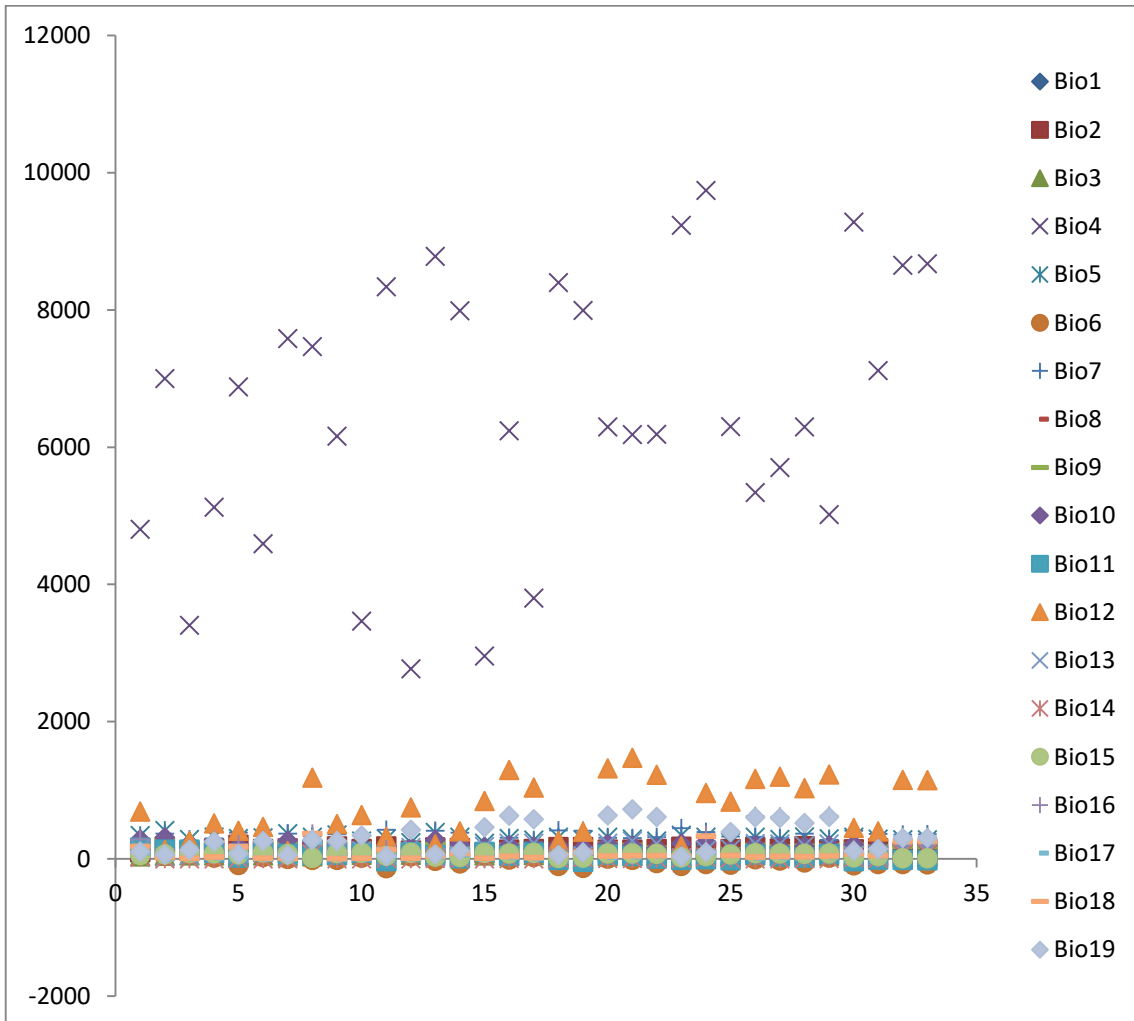
Argia_translata



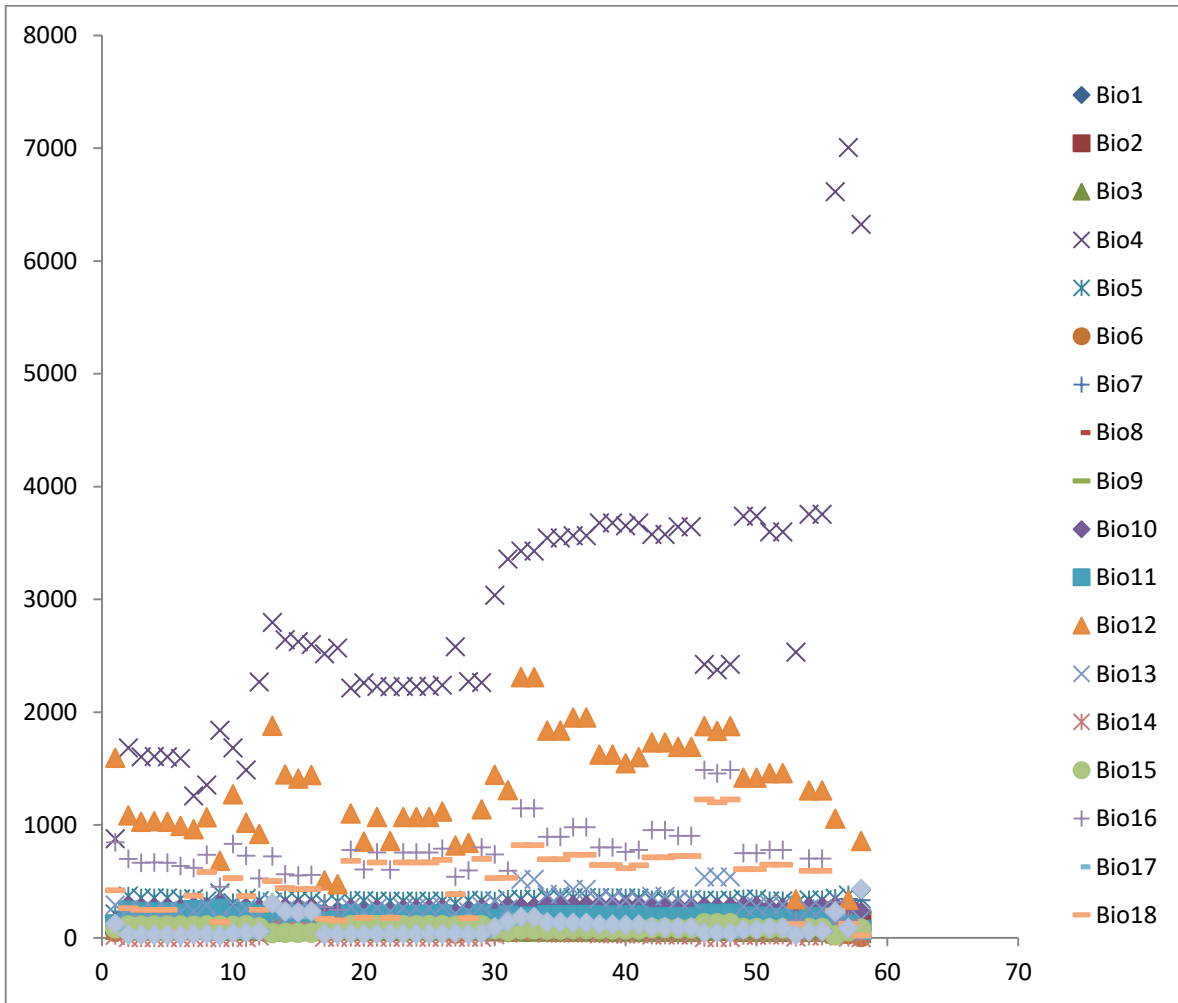
Argia_vivida



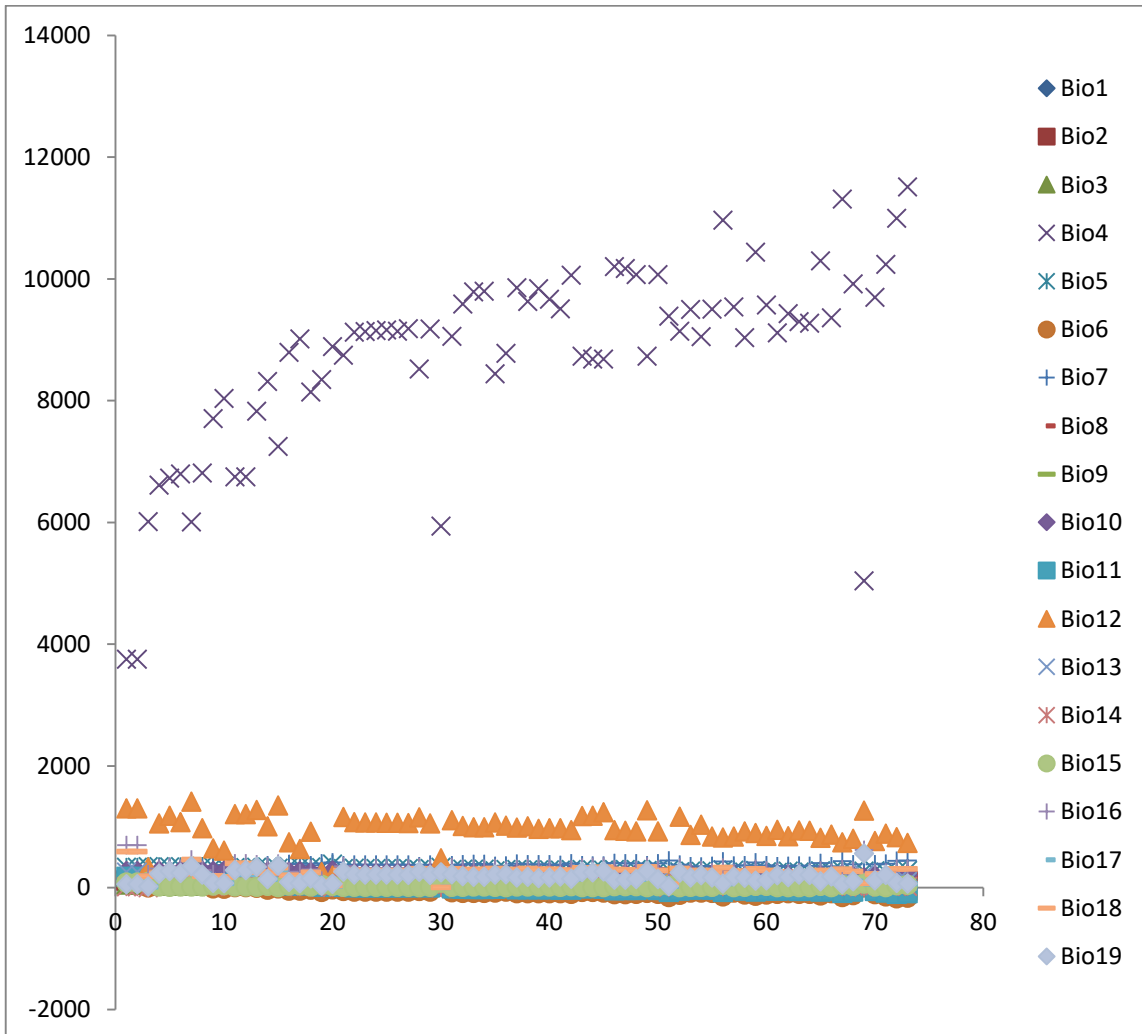
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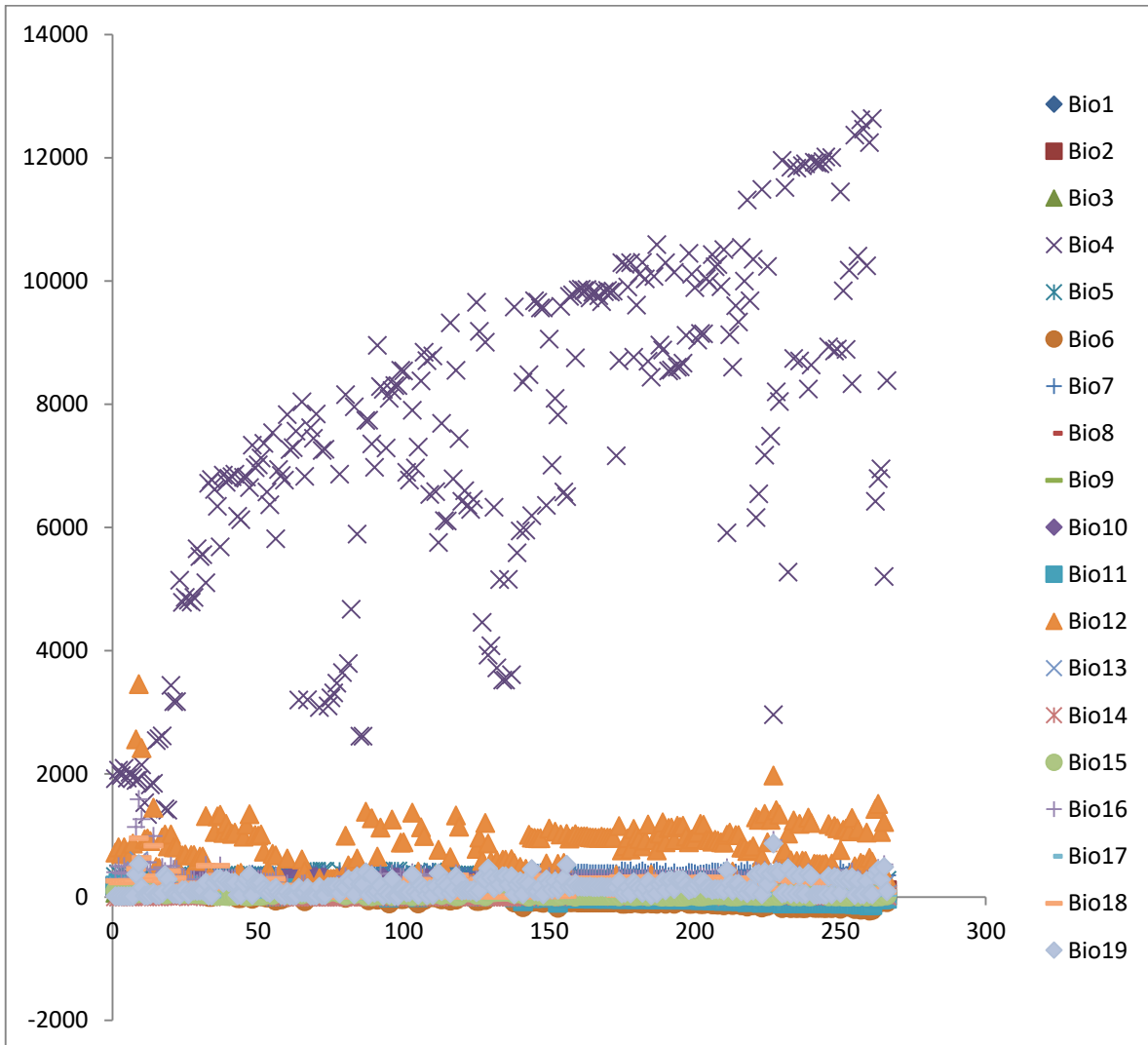
Dythemis_nigrescens



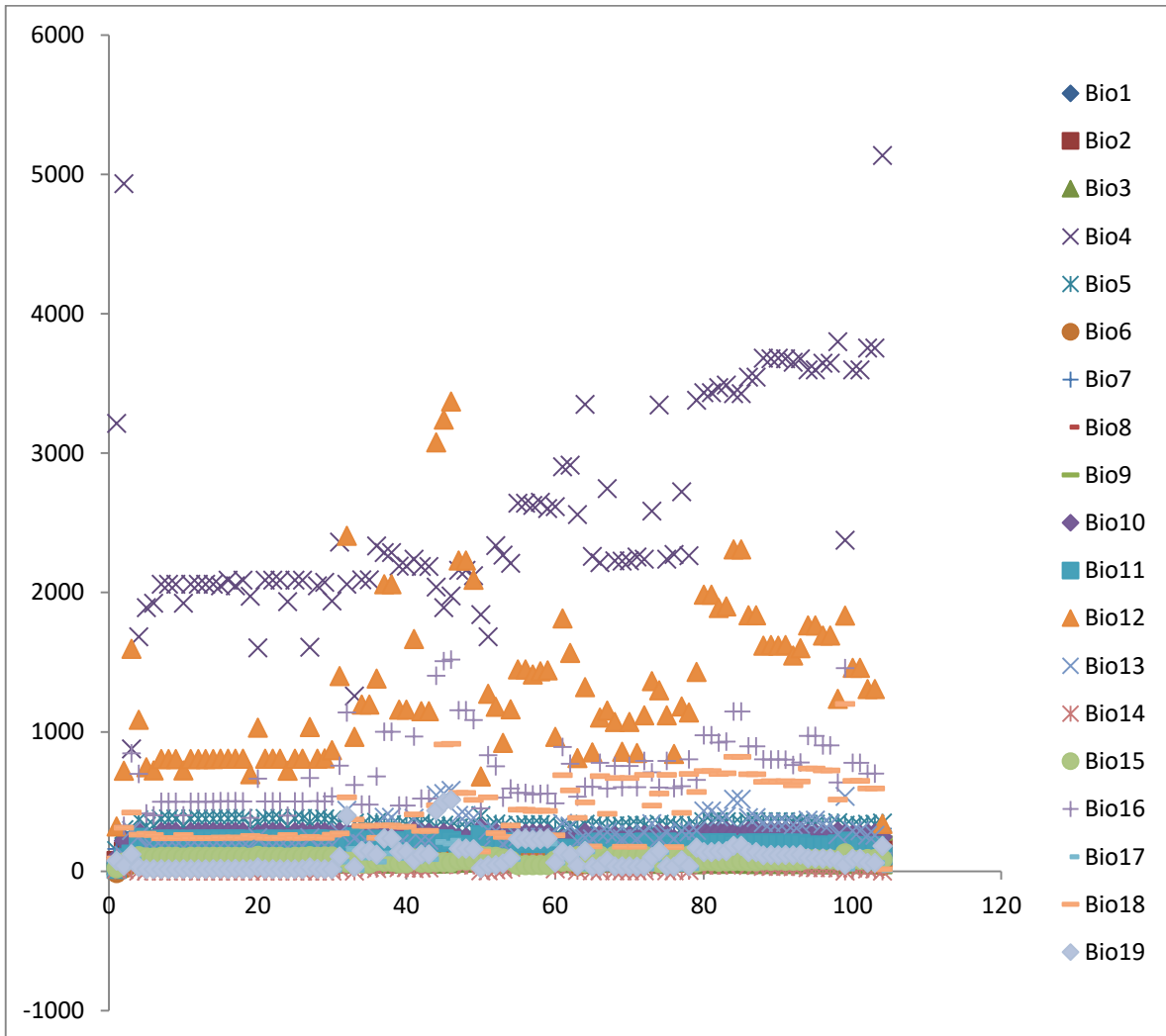
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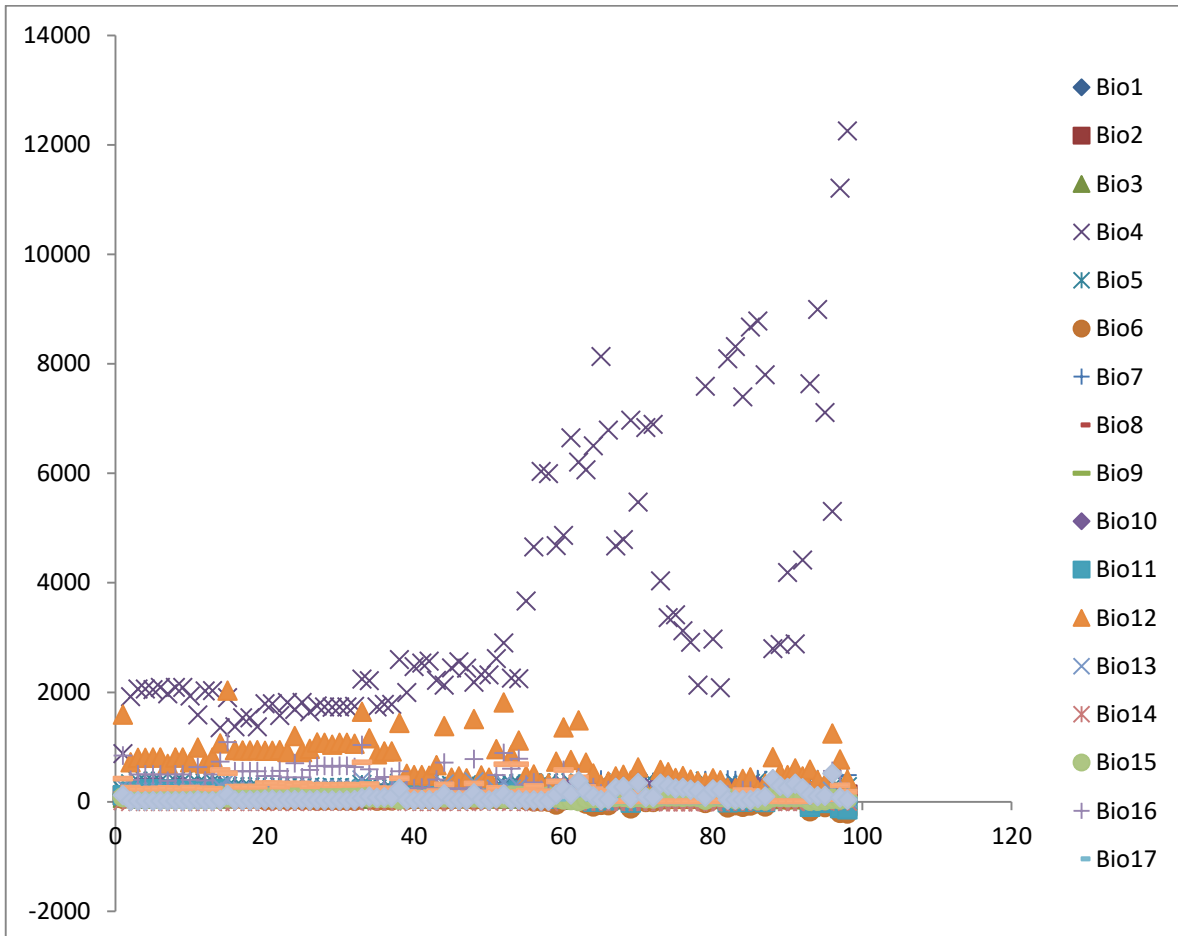
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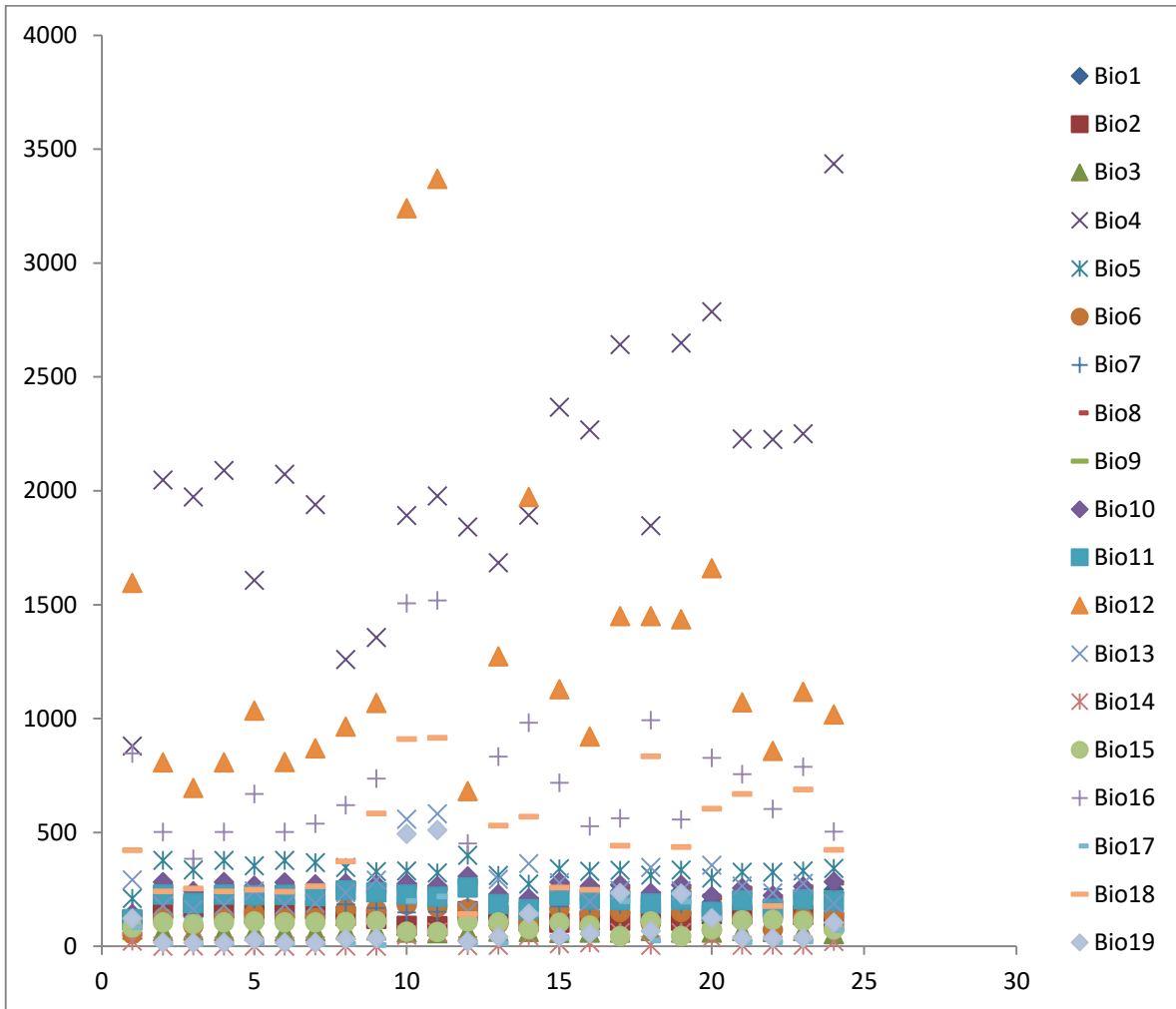
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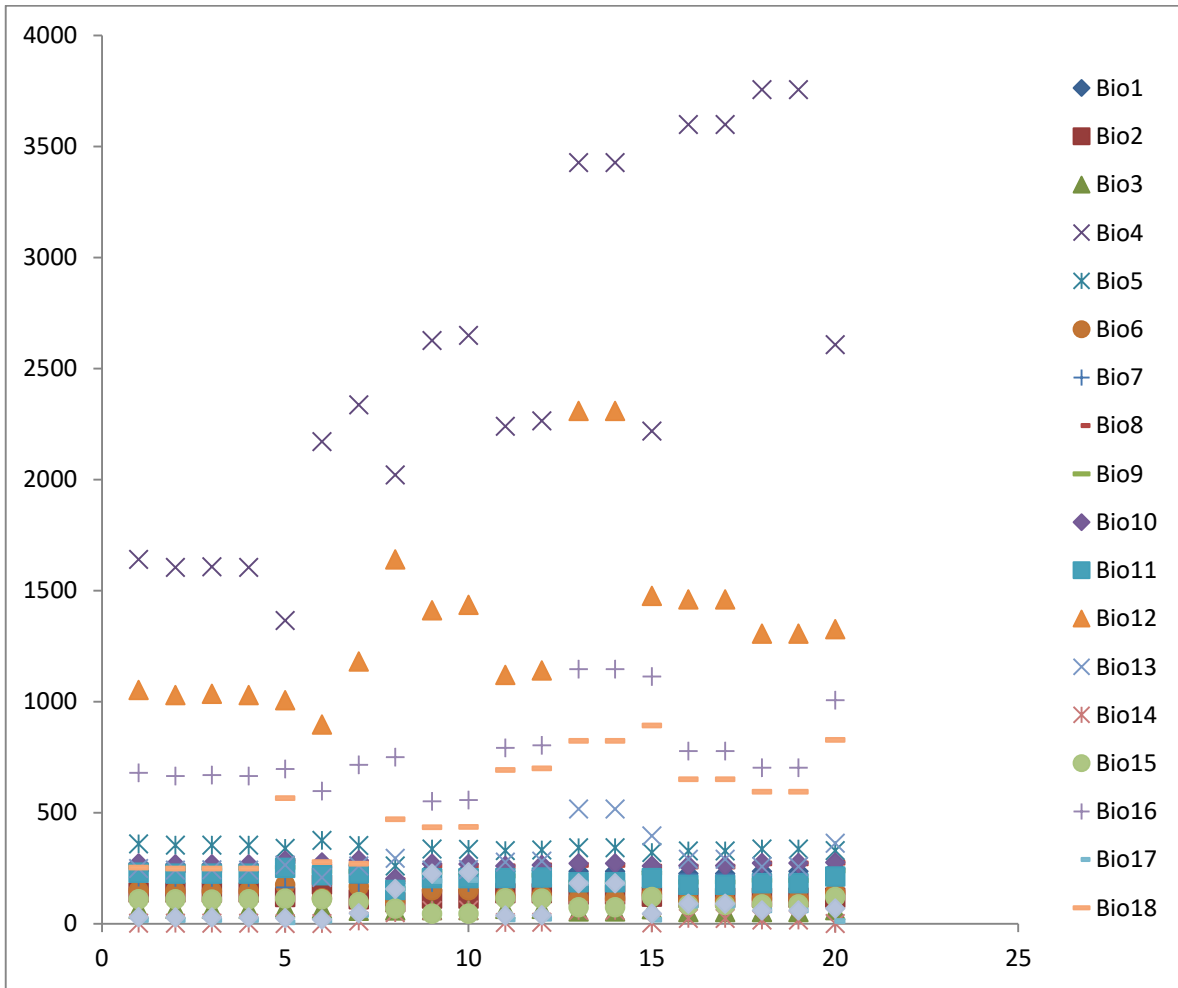
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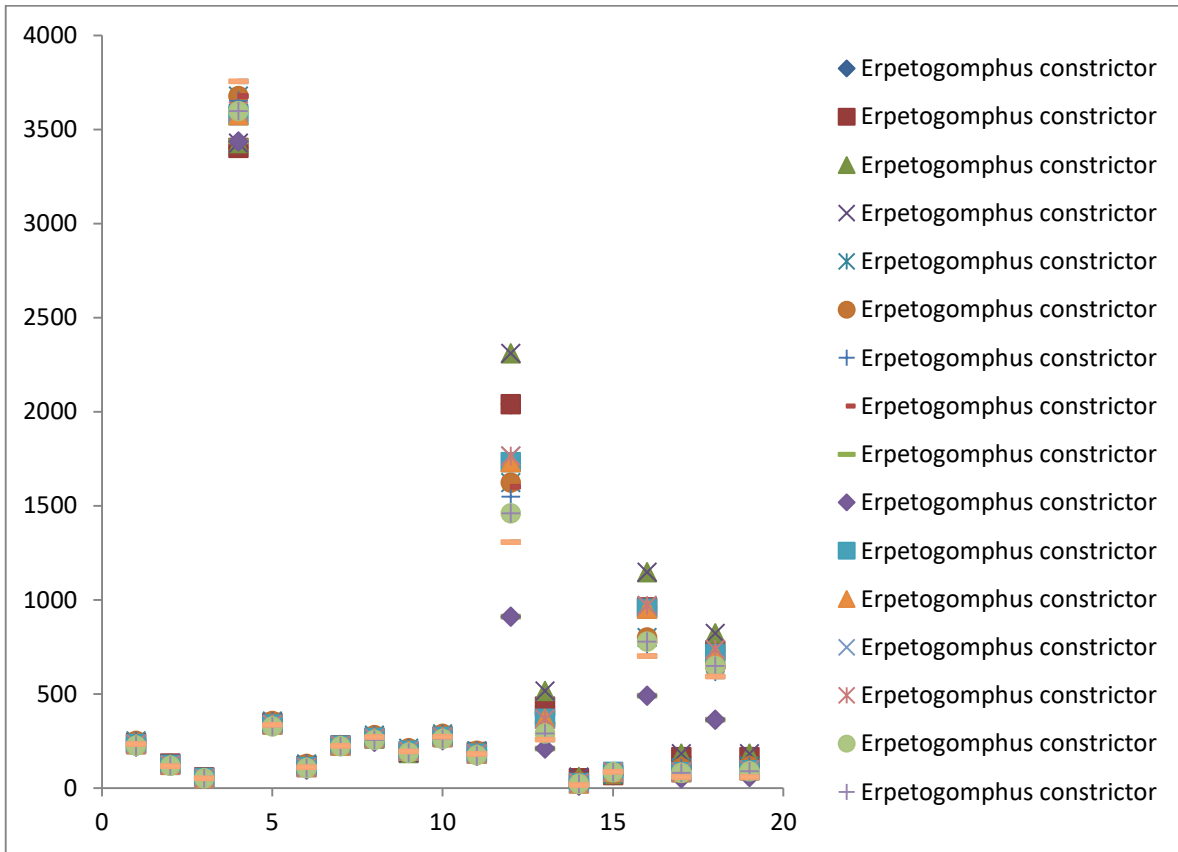
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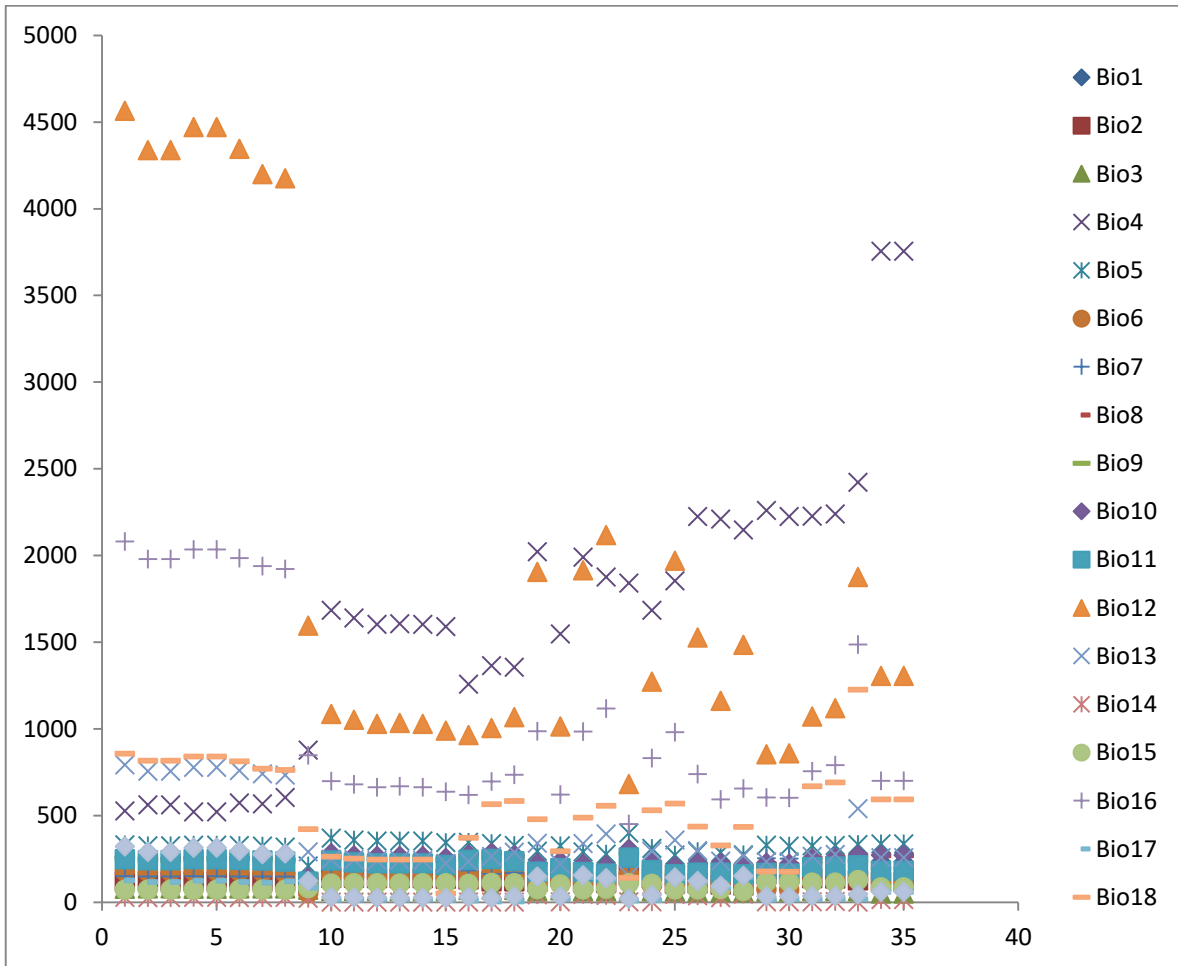
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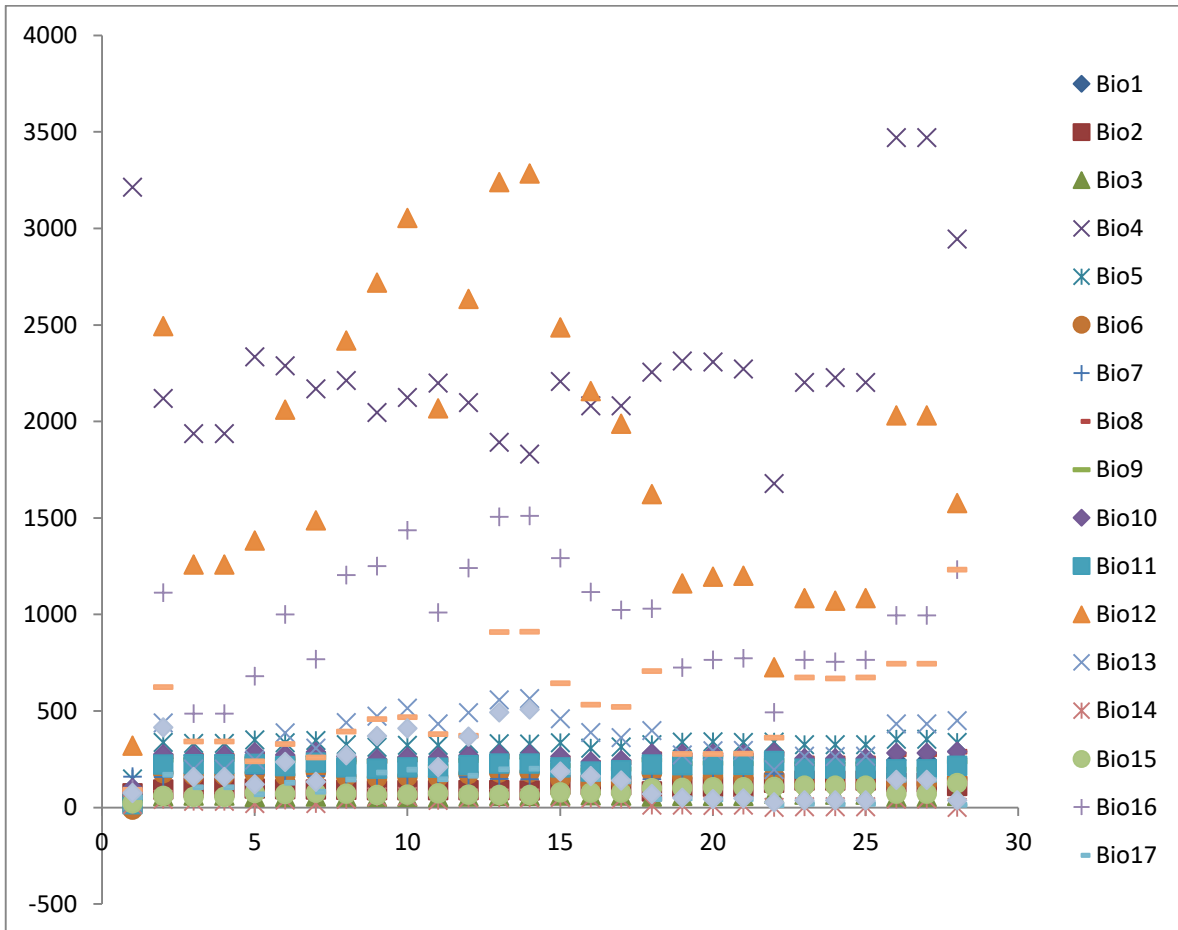
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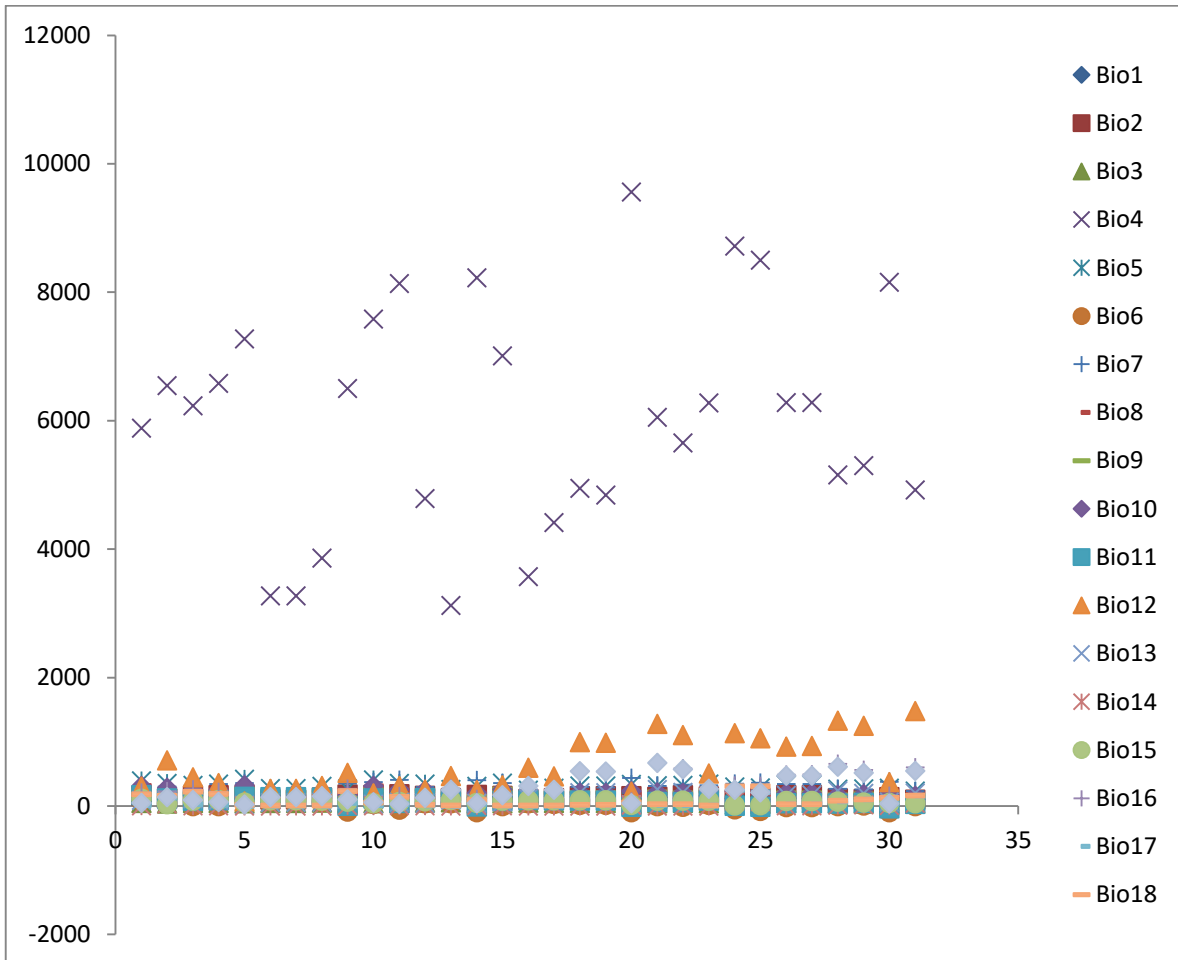
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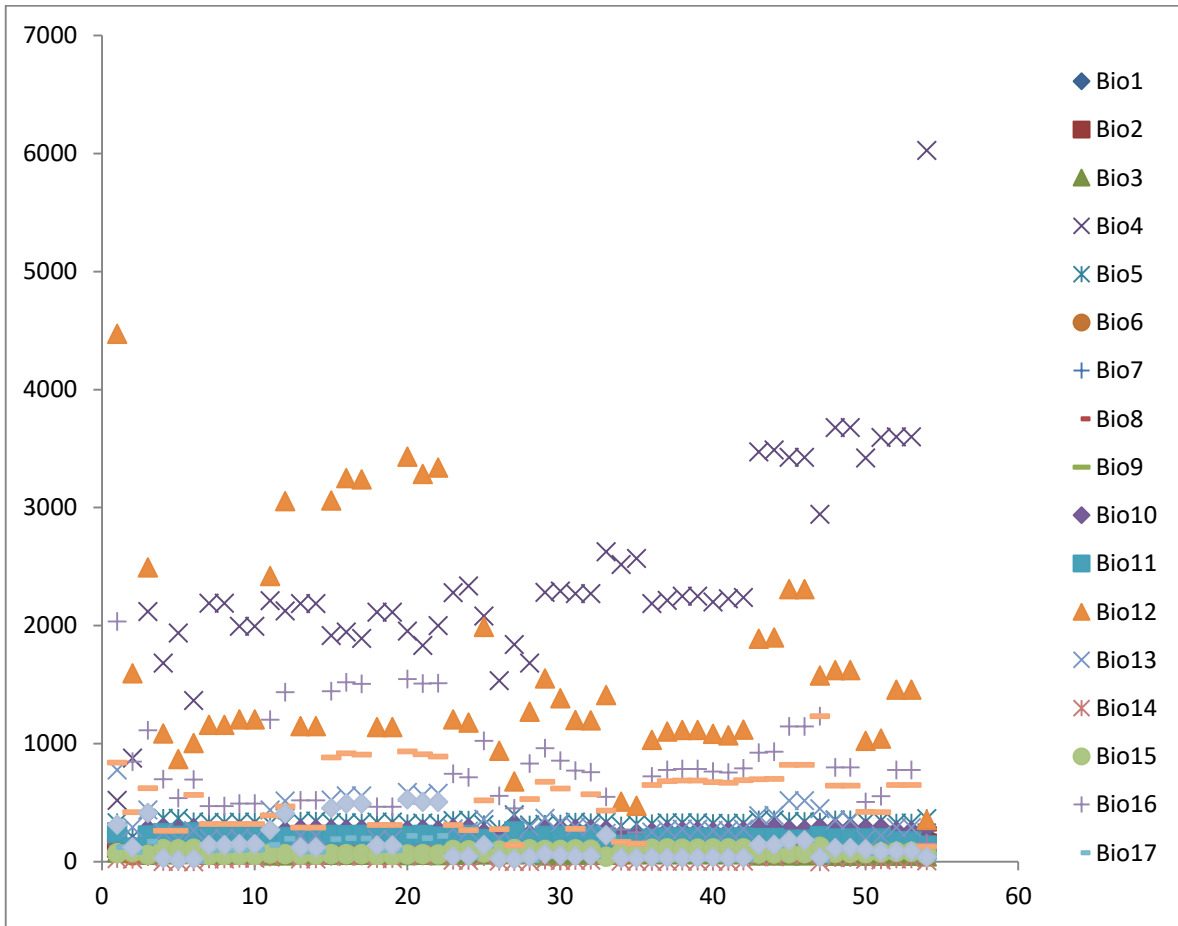
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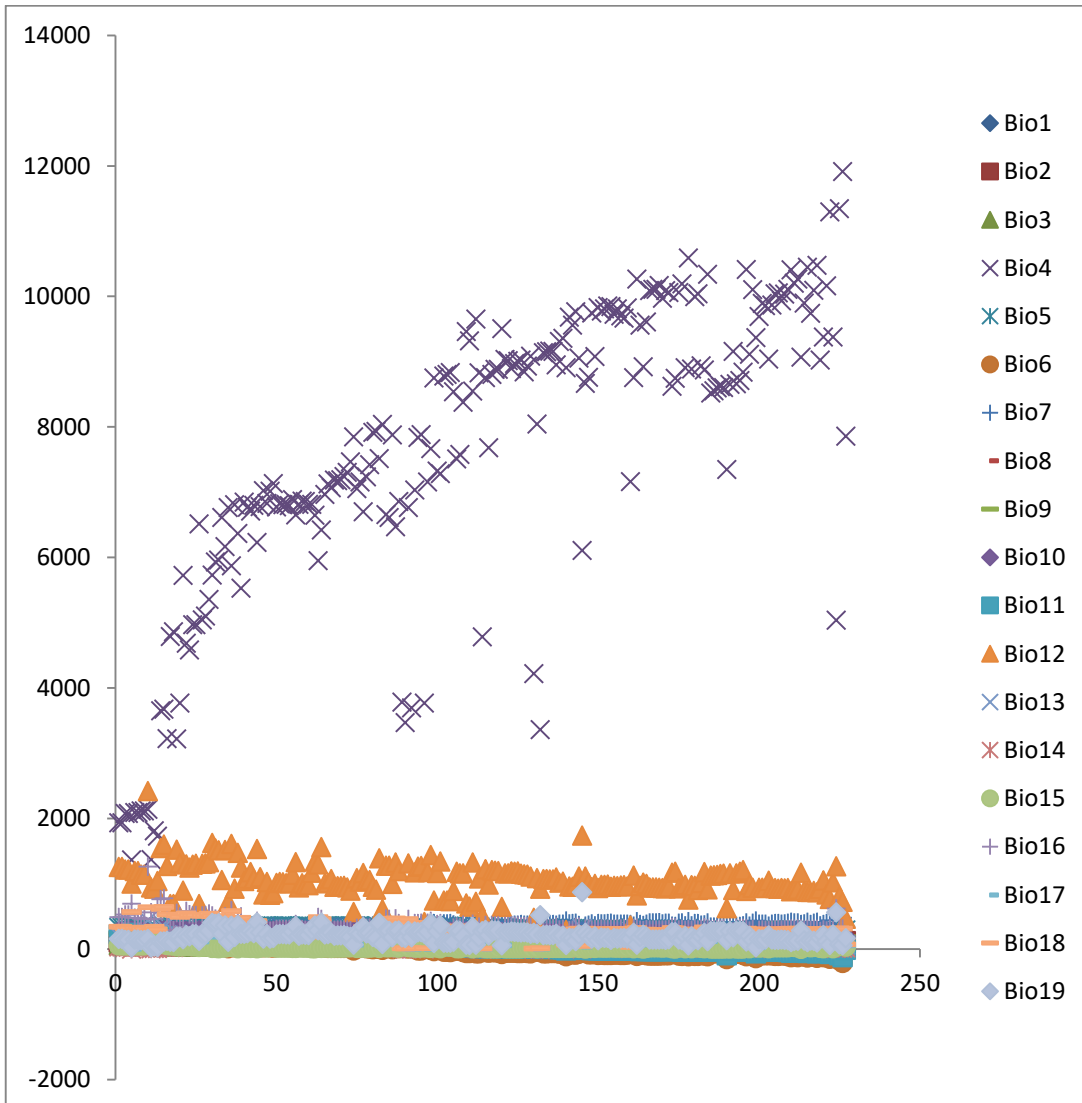
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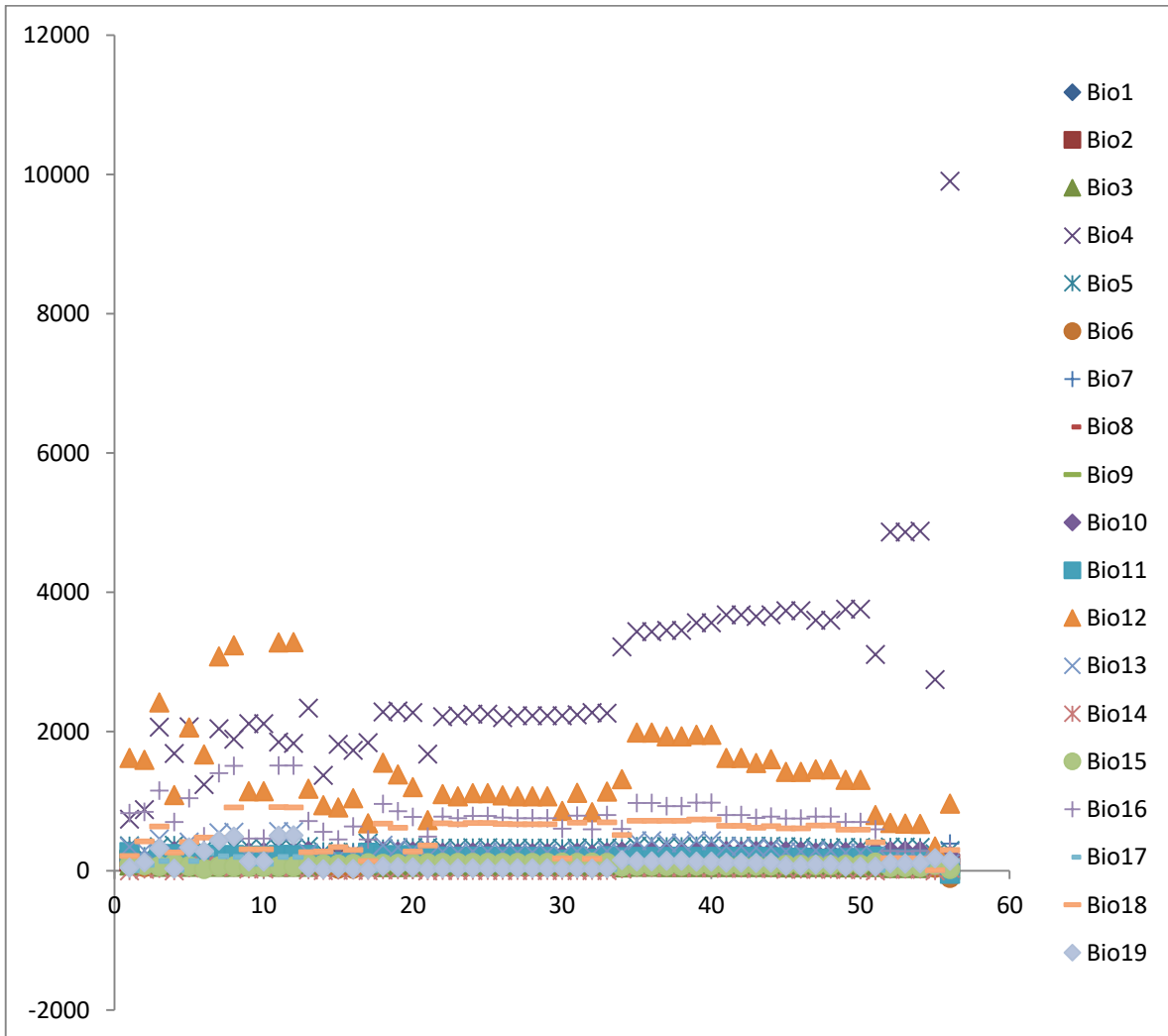
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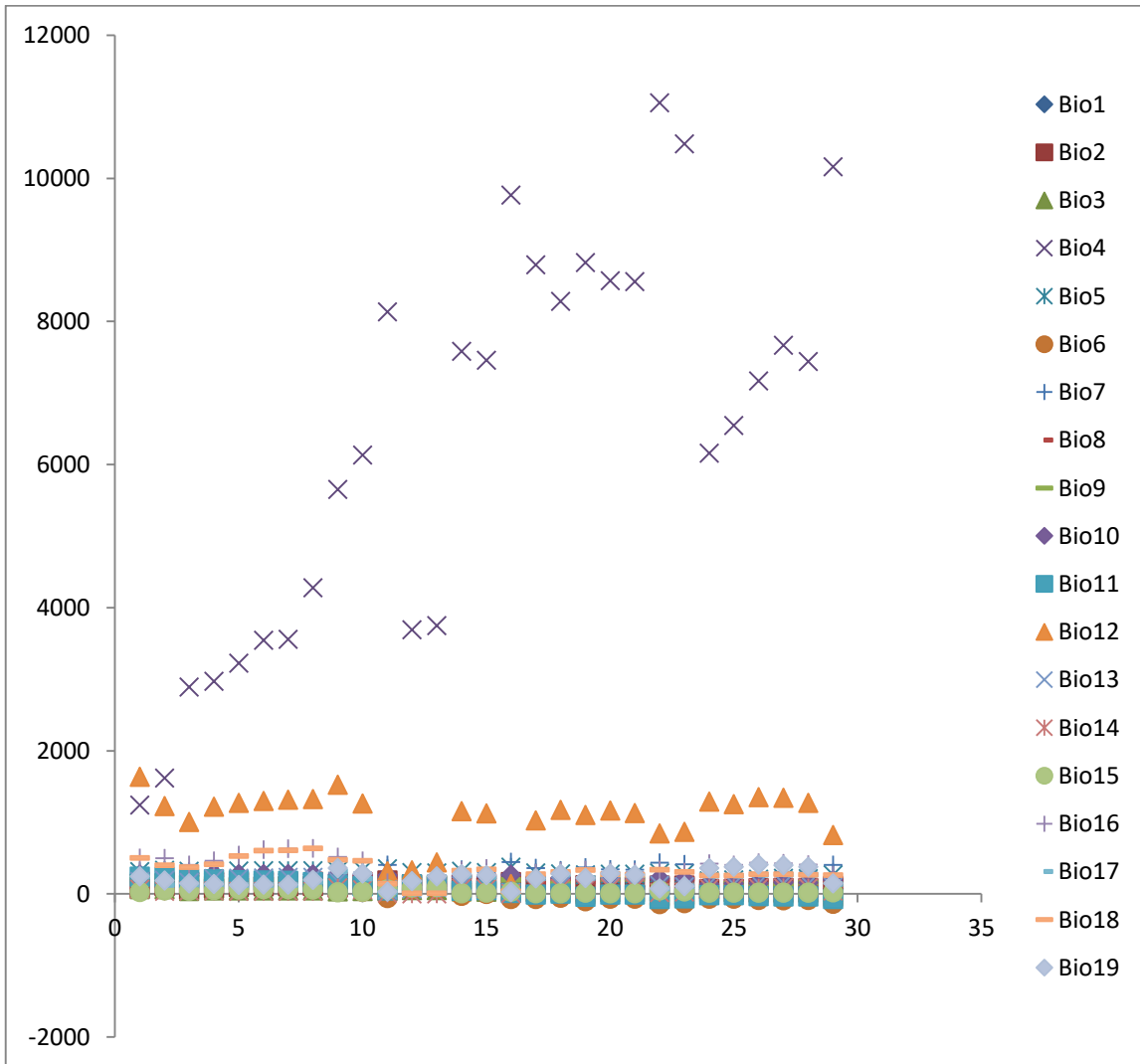
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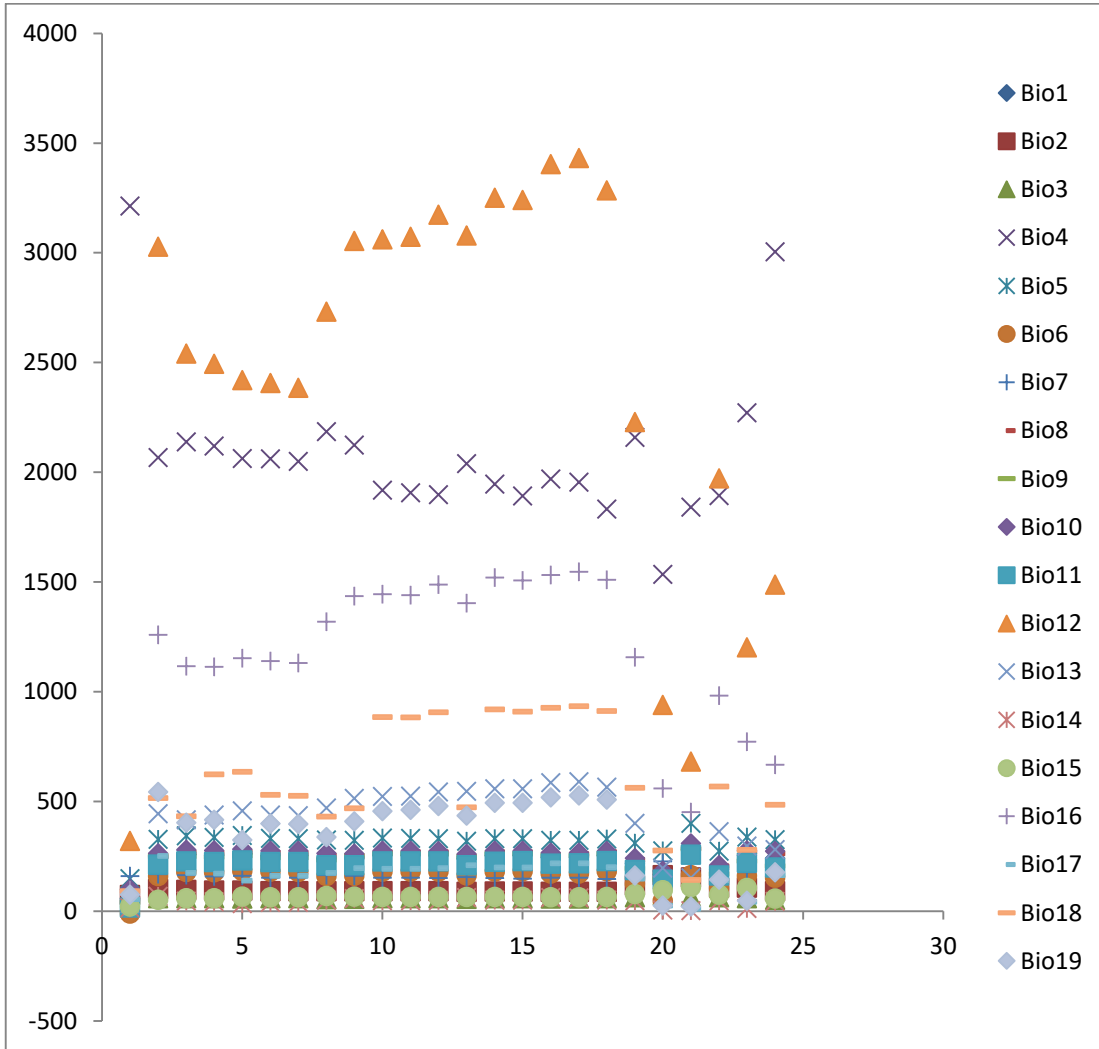
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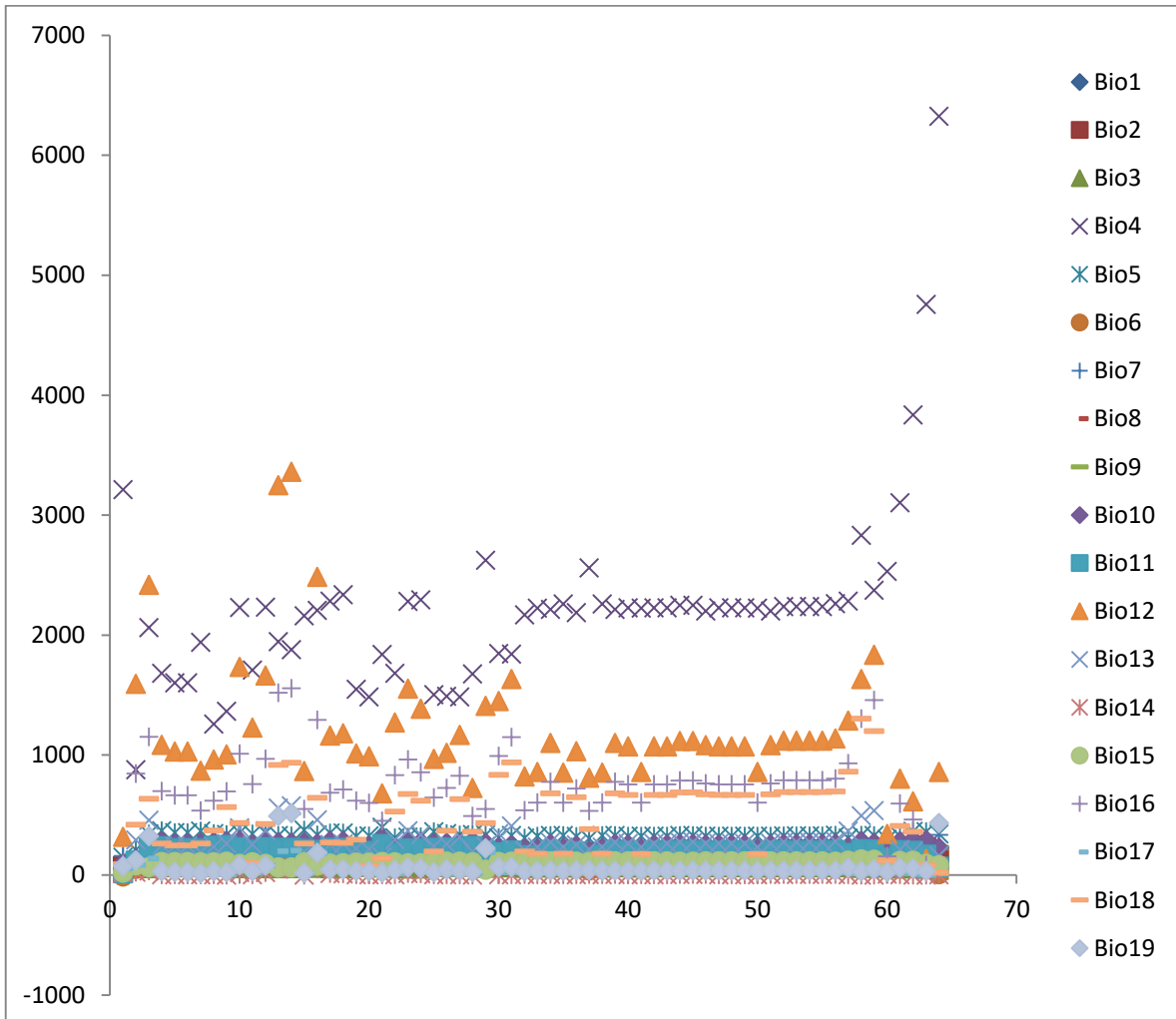
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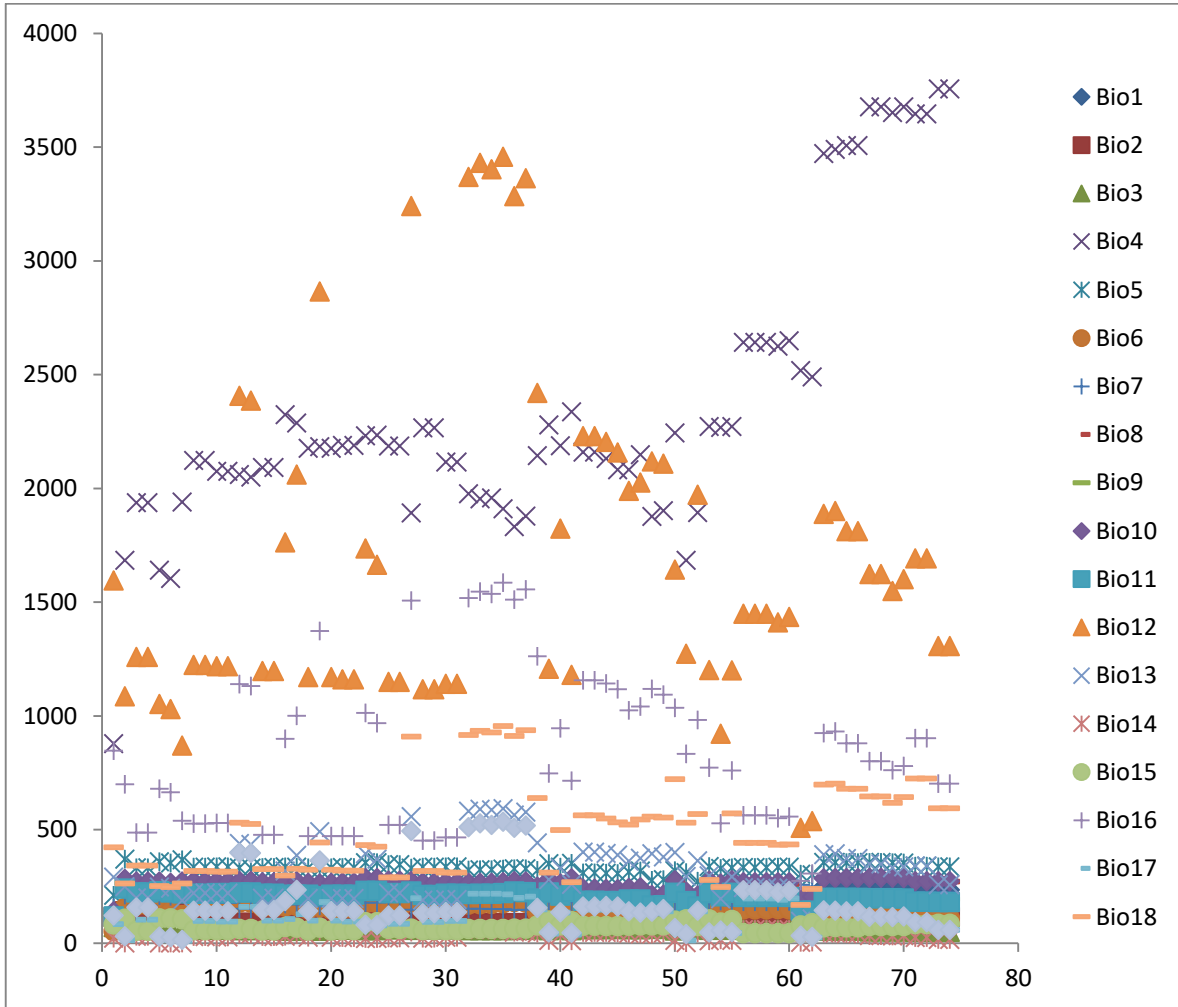
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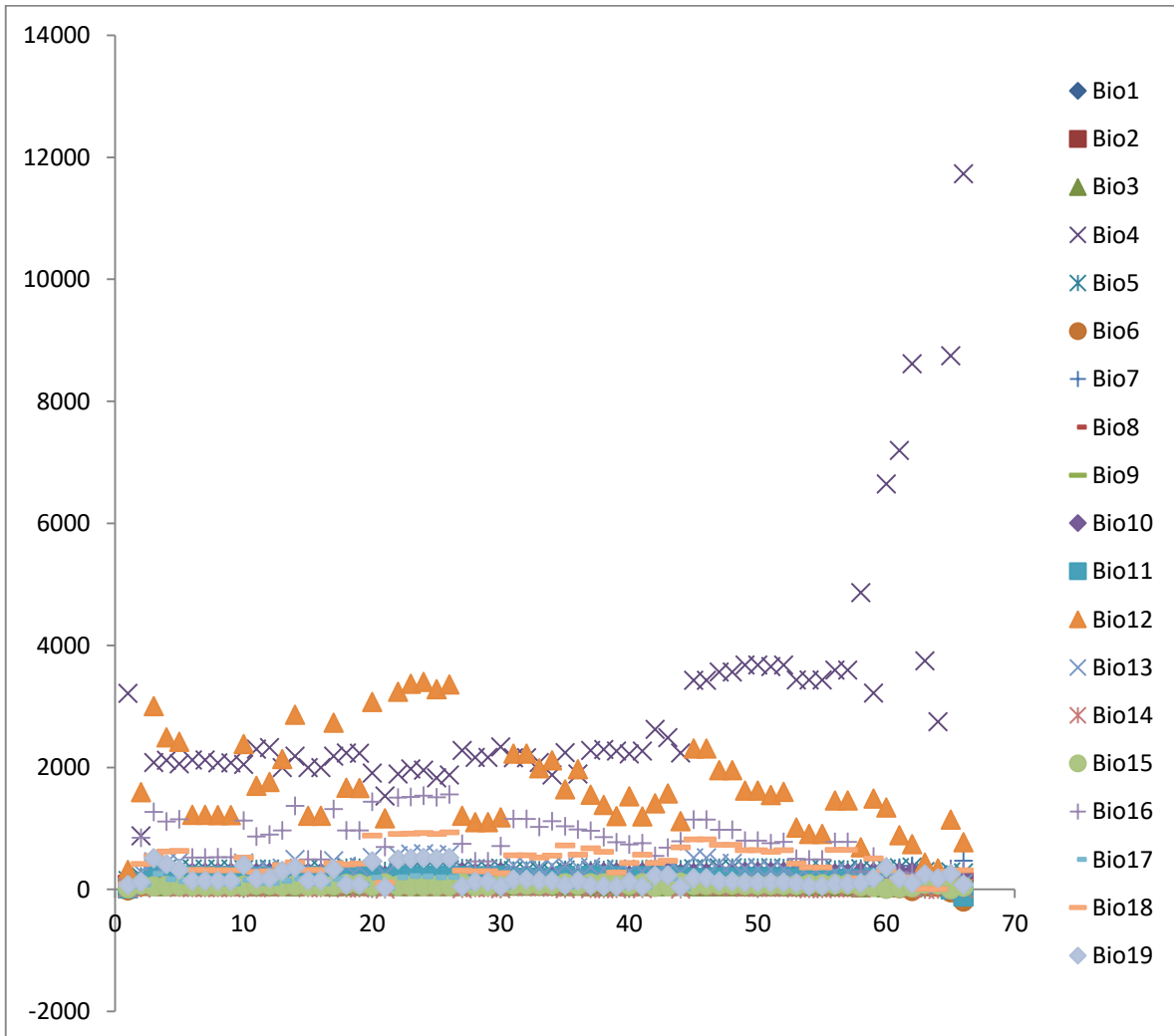
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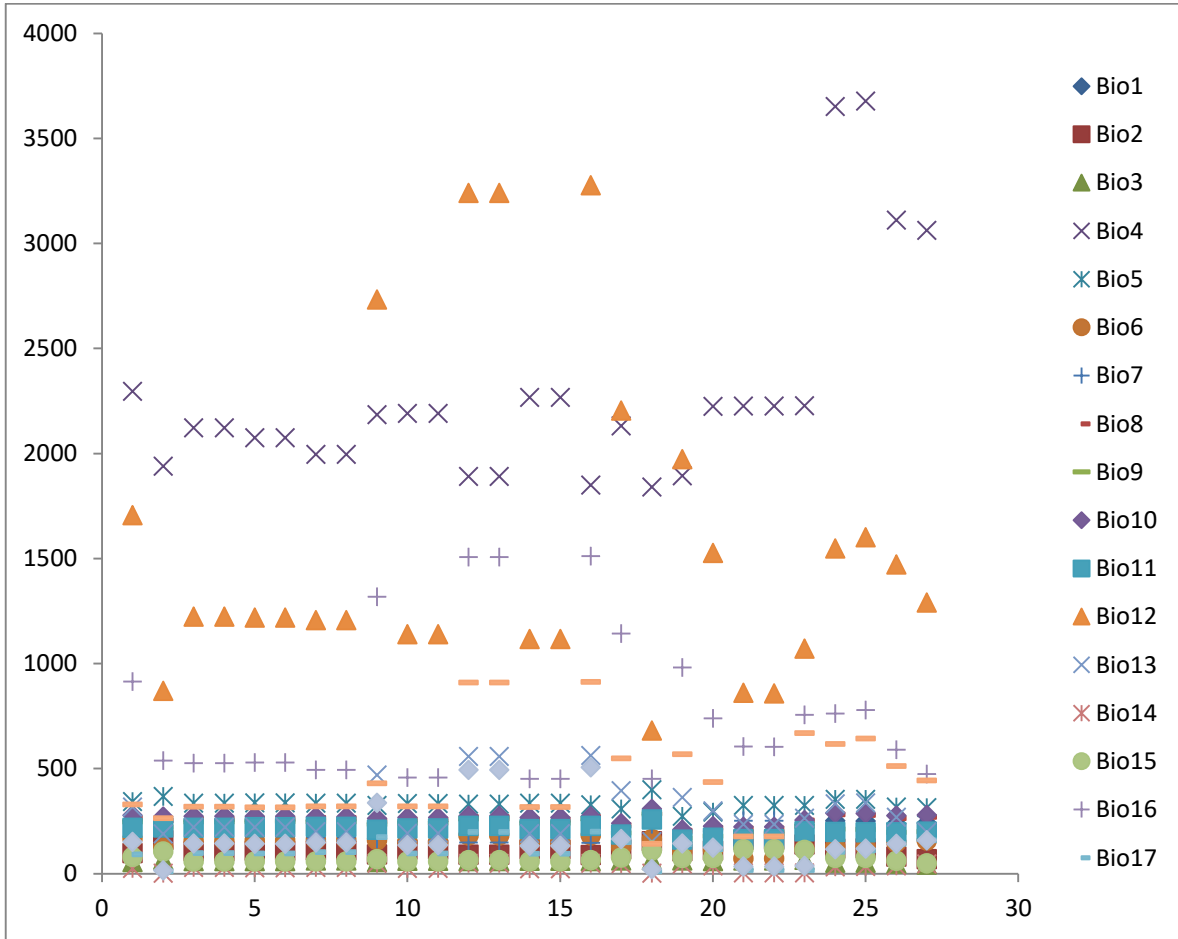
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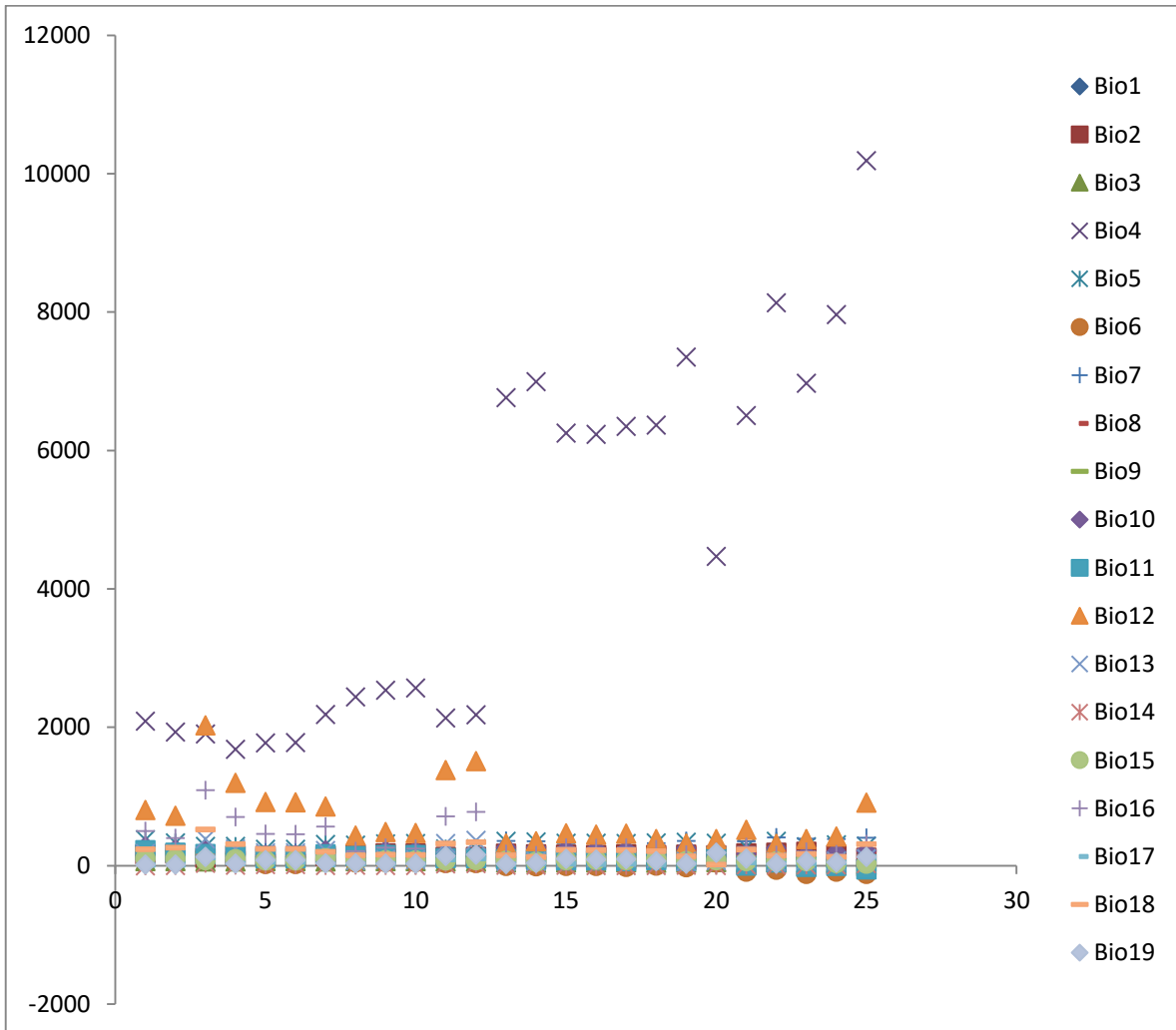
Erythrodiplax_umbrata



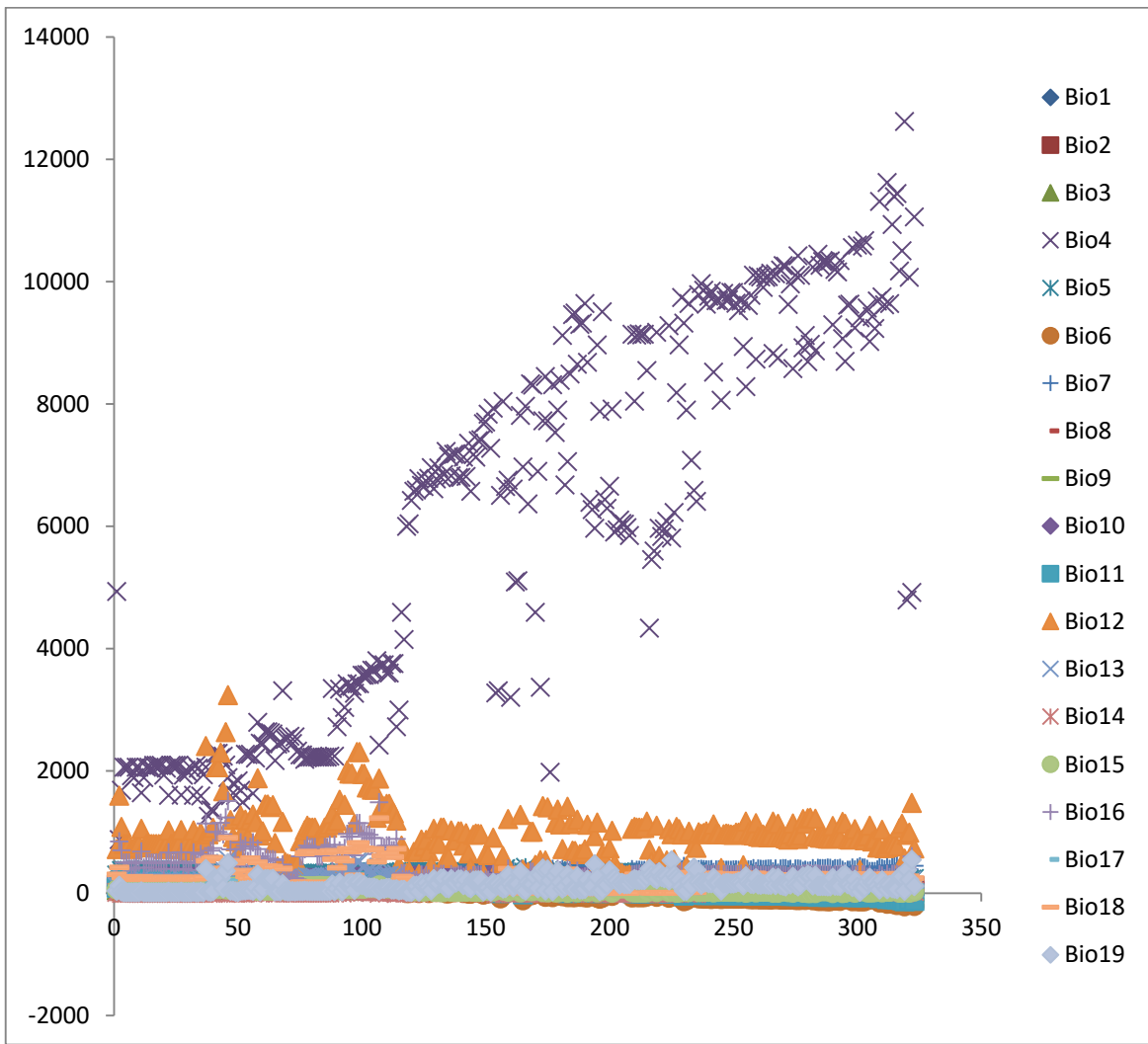
Gynacantha_nervosa



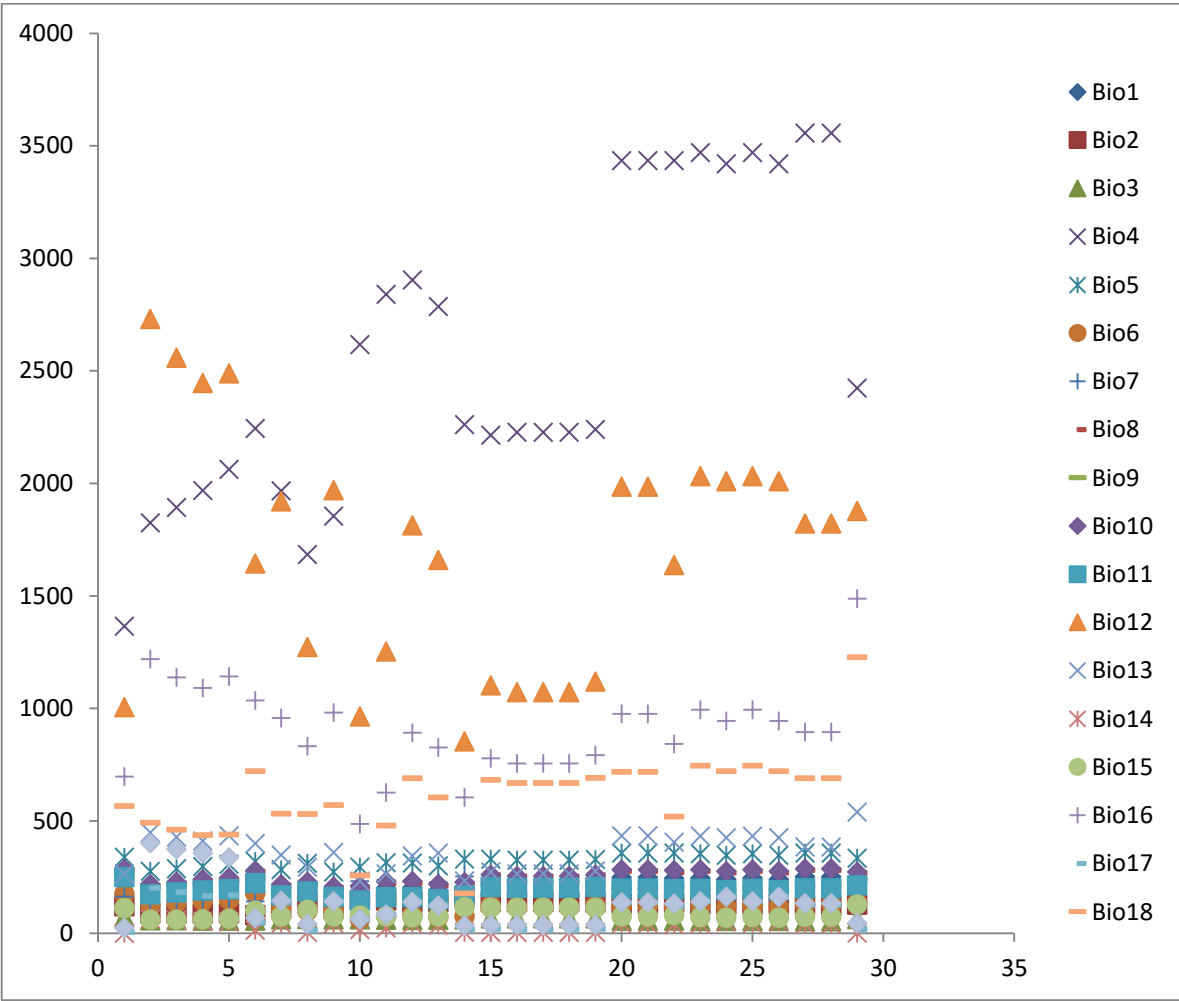
Hesperagrion_heterodoxum



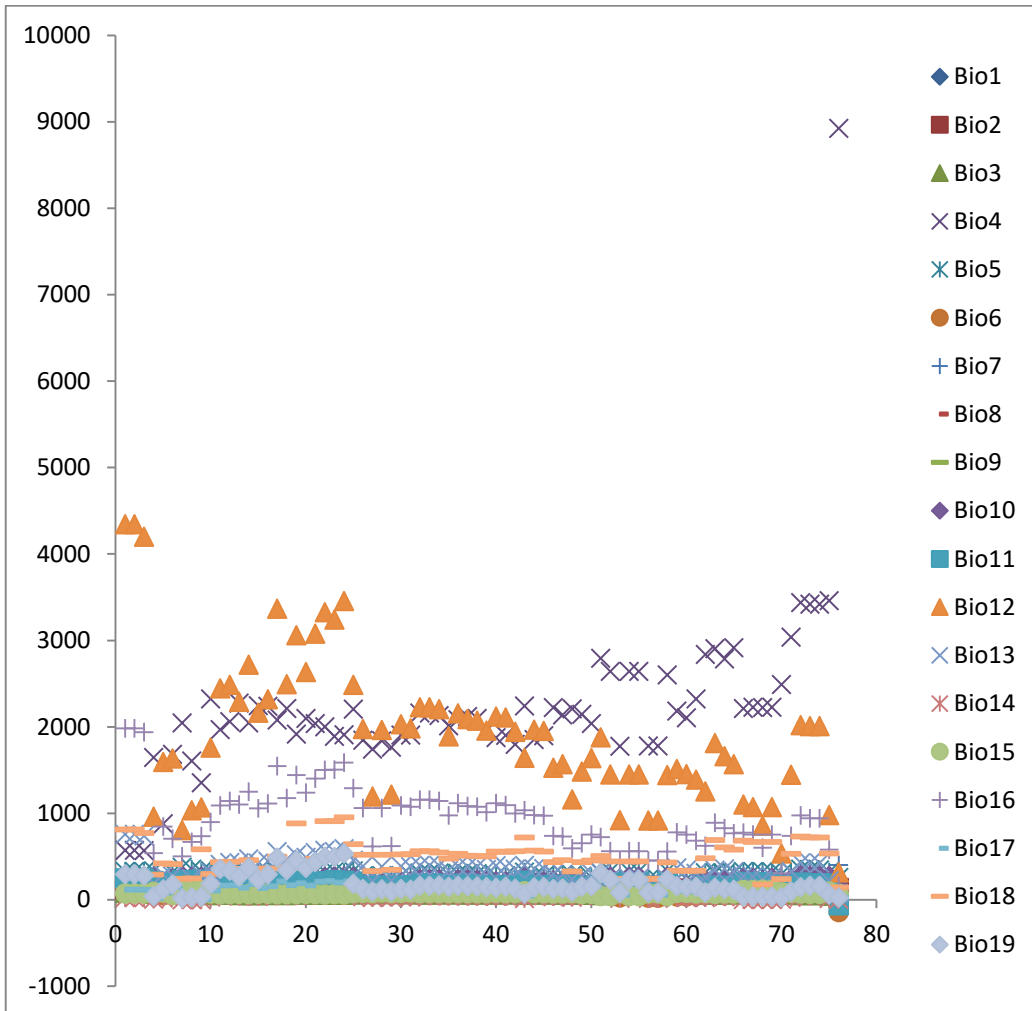
Hetaerina_americana



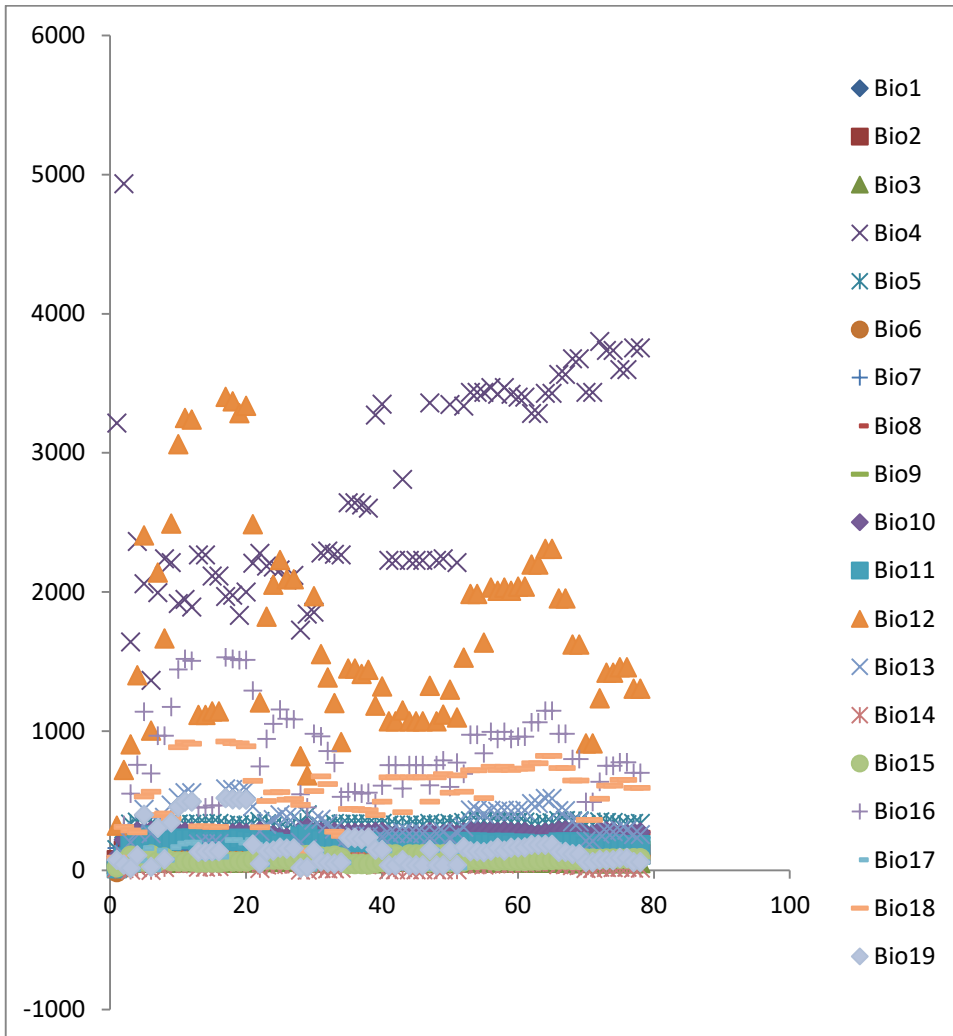
Hetaerina_capitalis



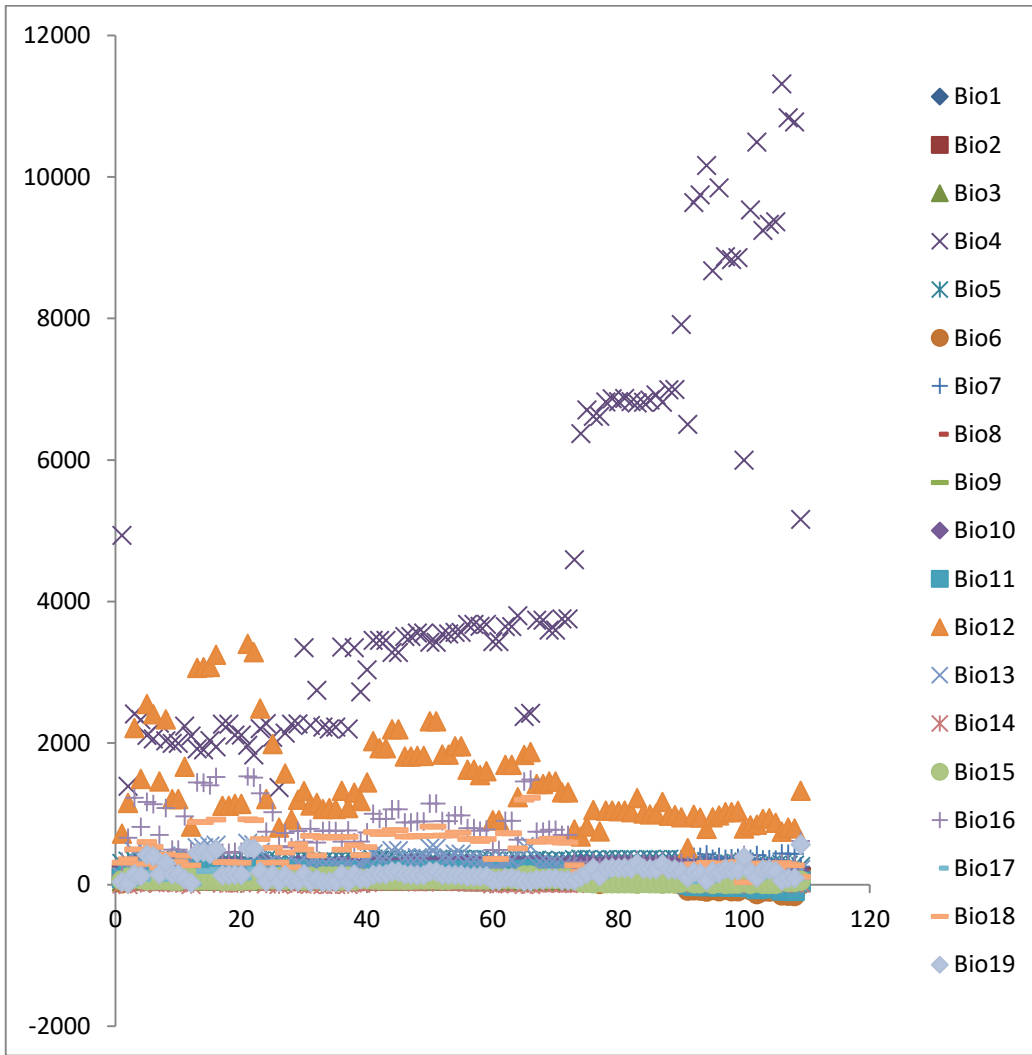
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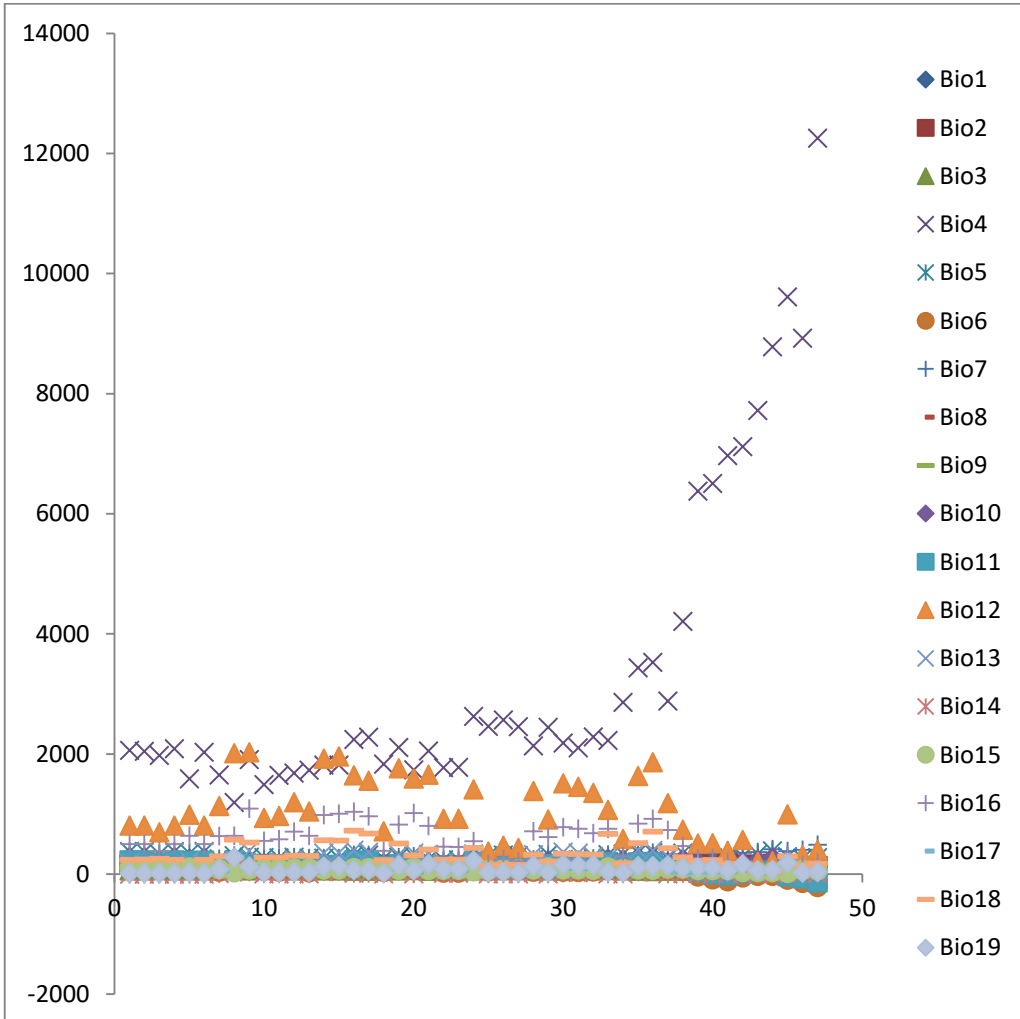
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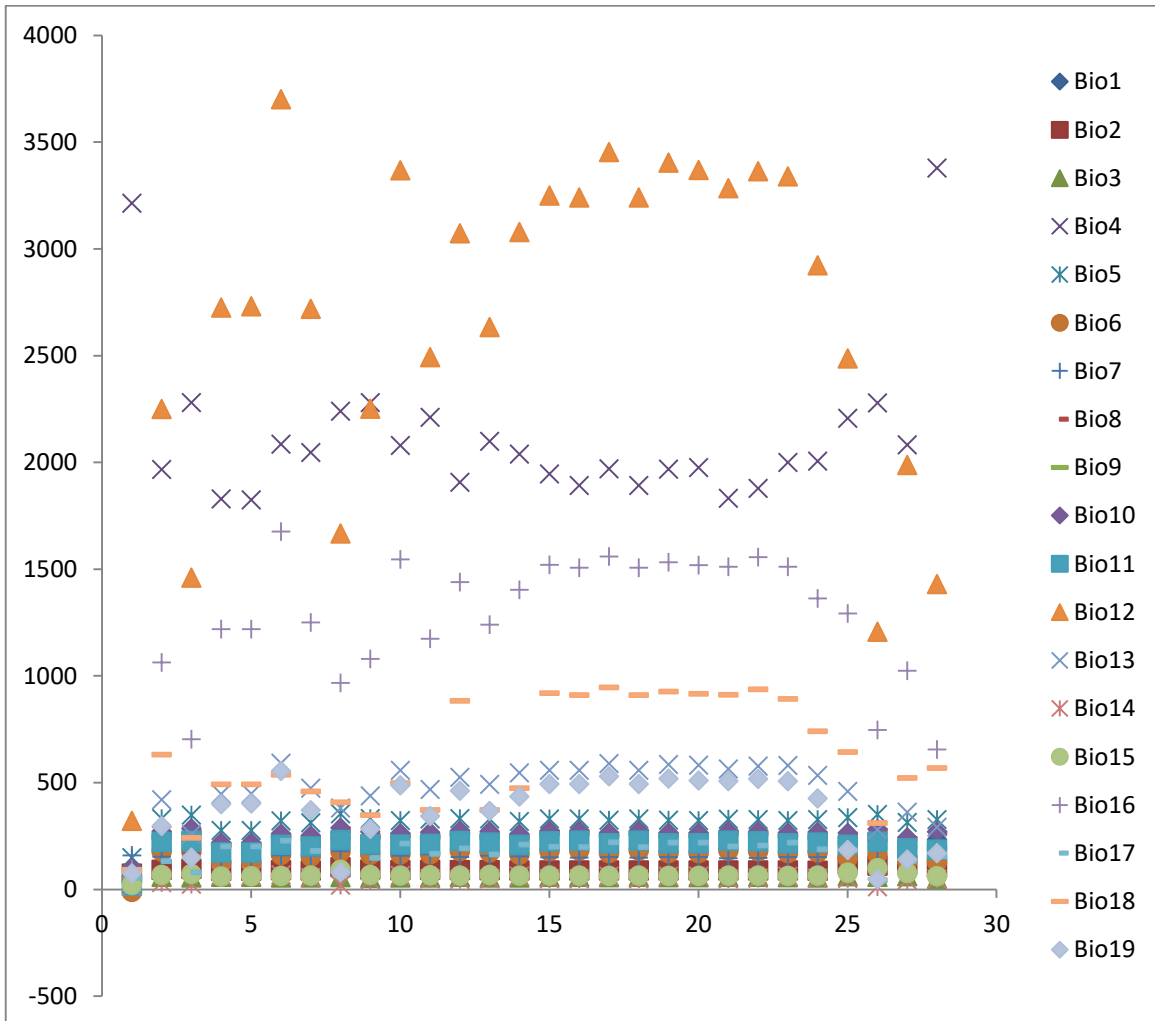
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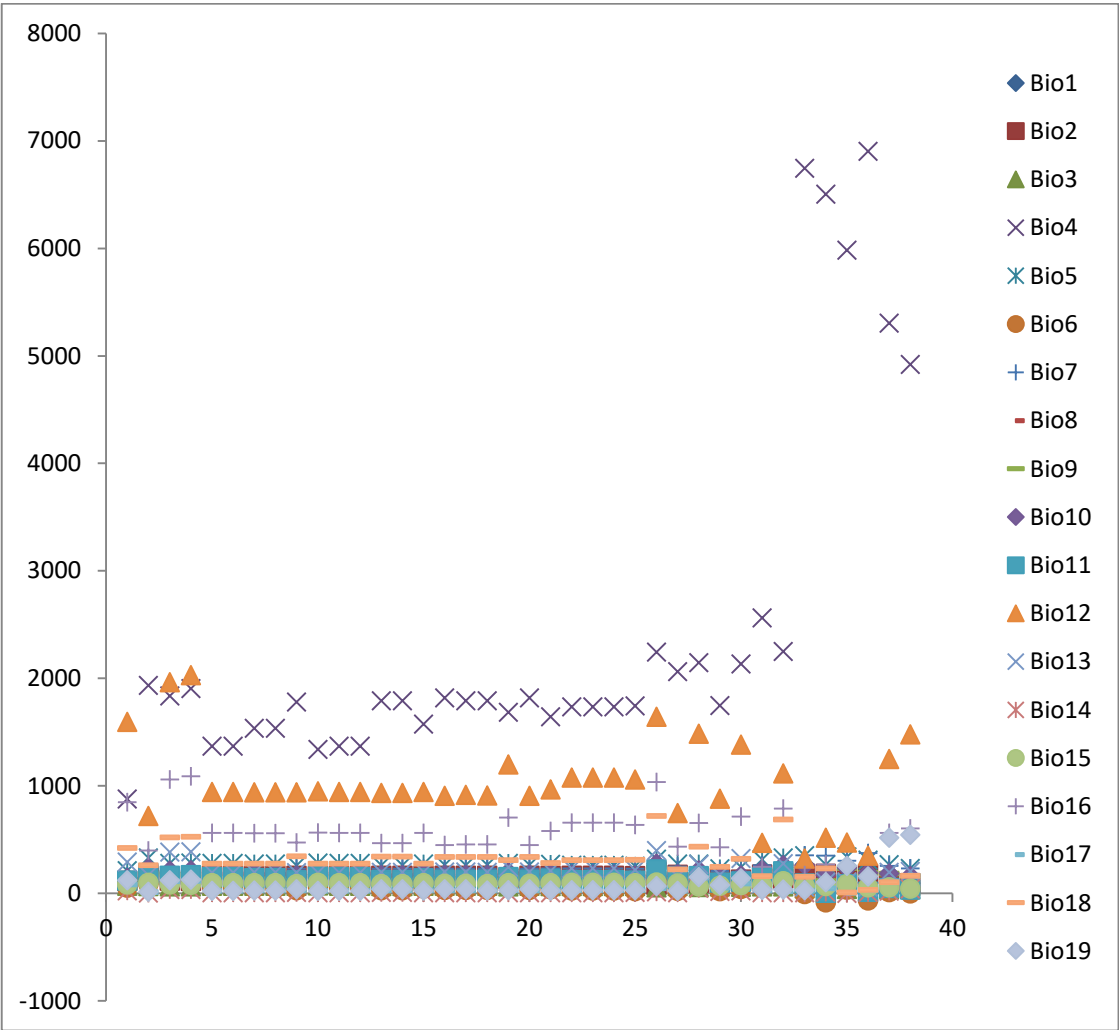
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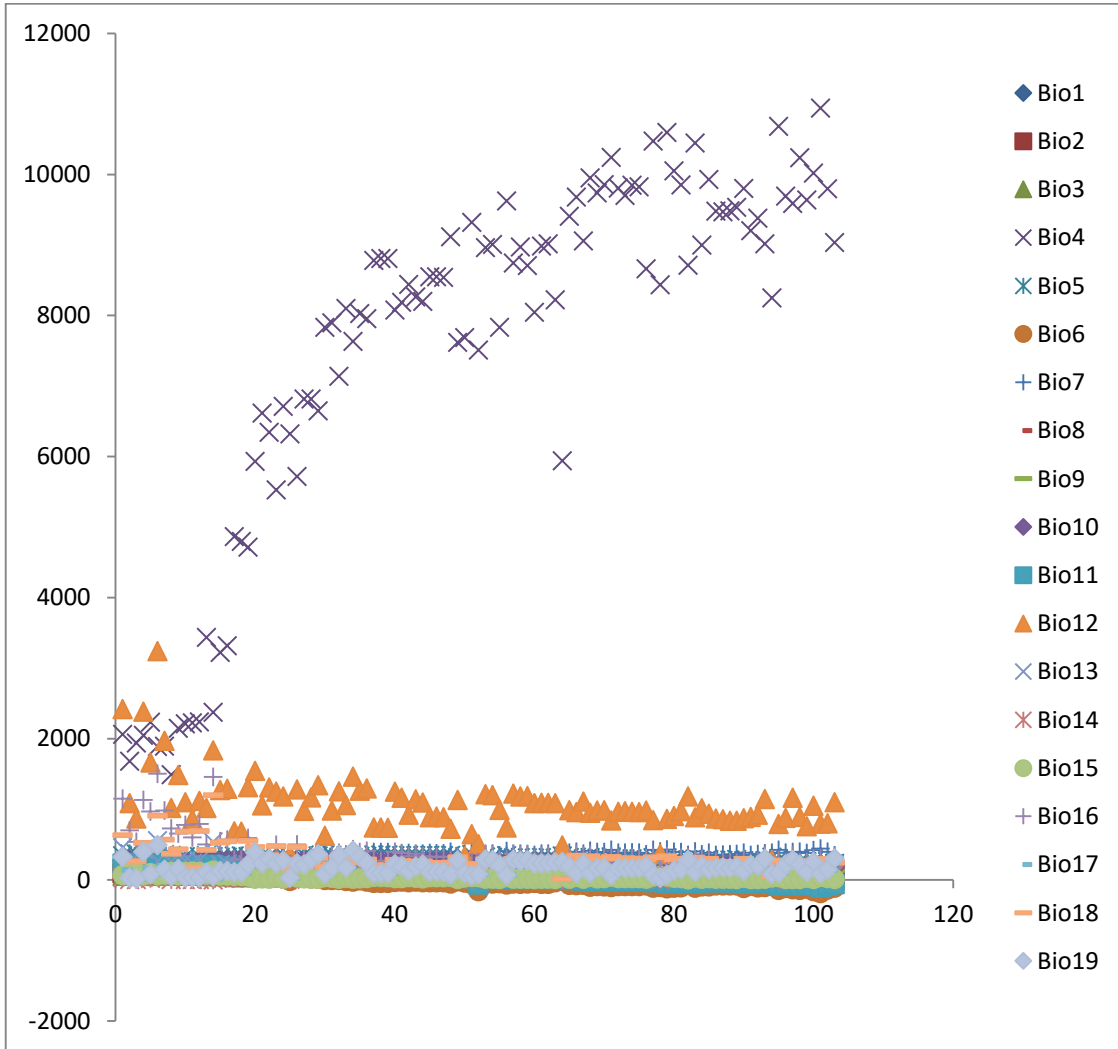
Heteragrion_alienum



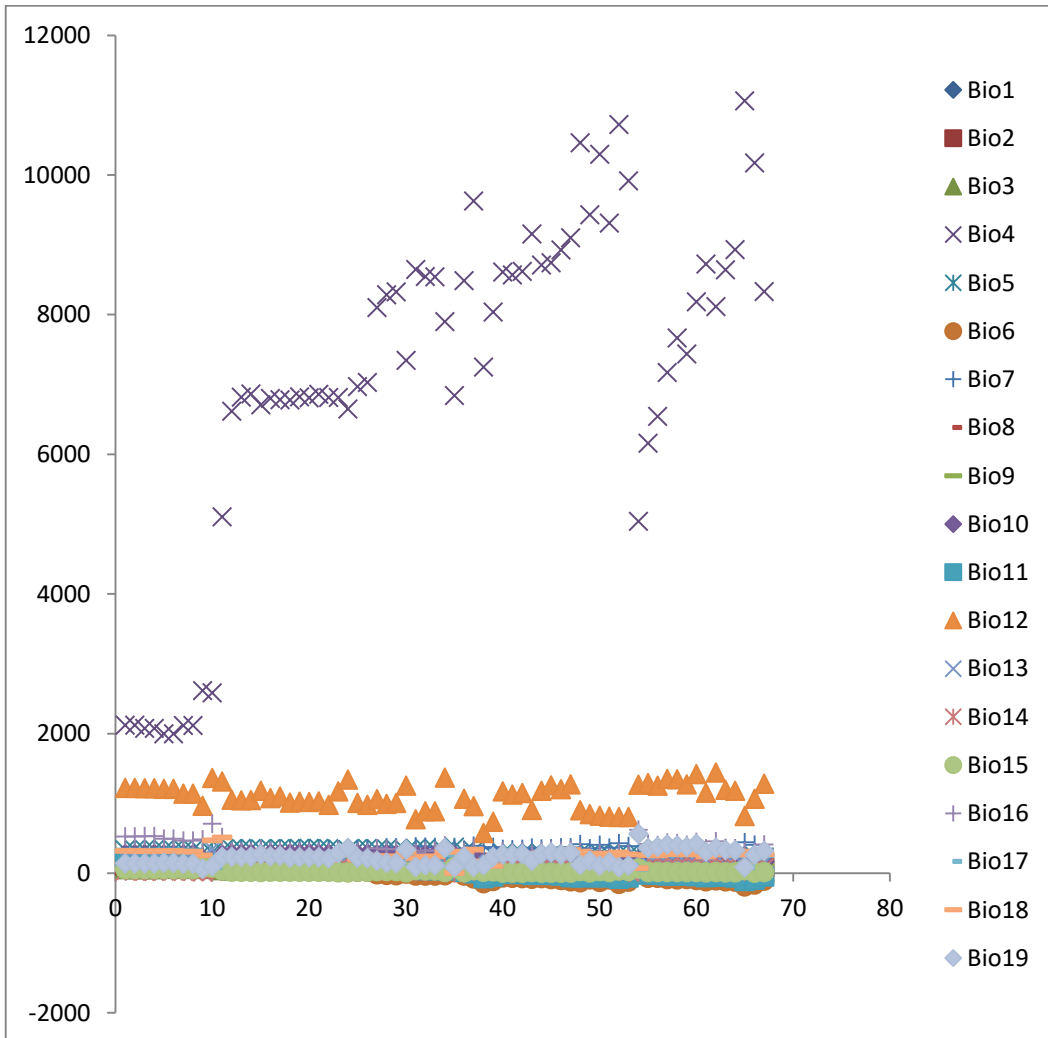
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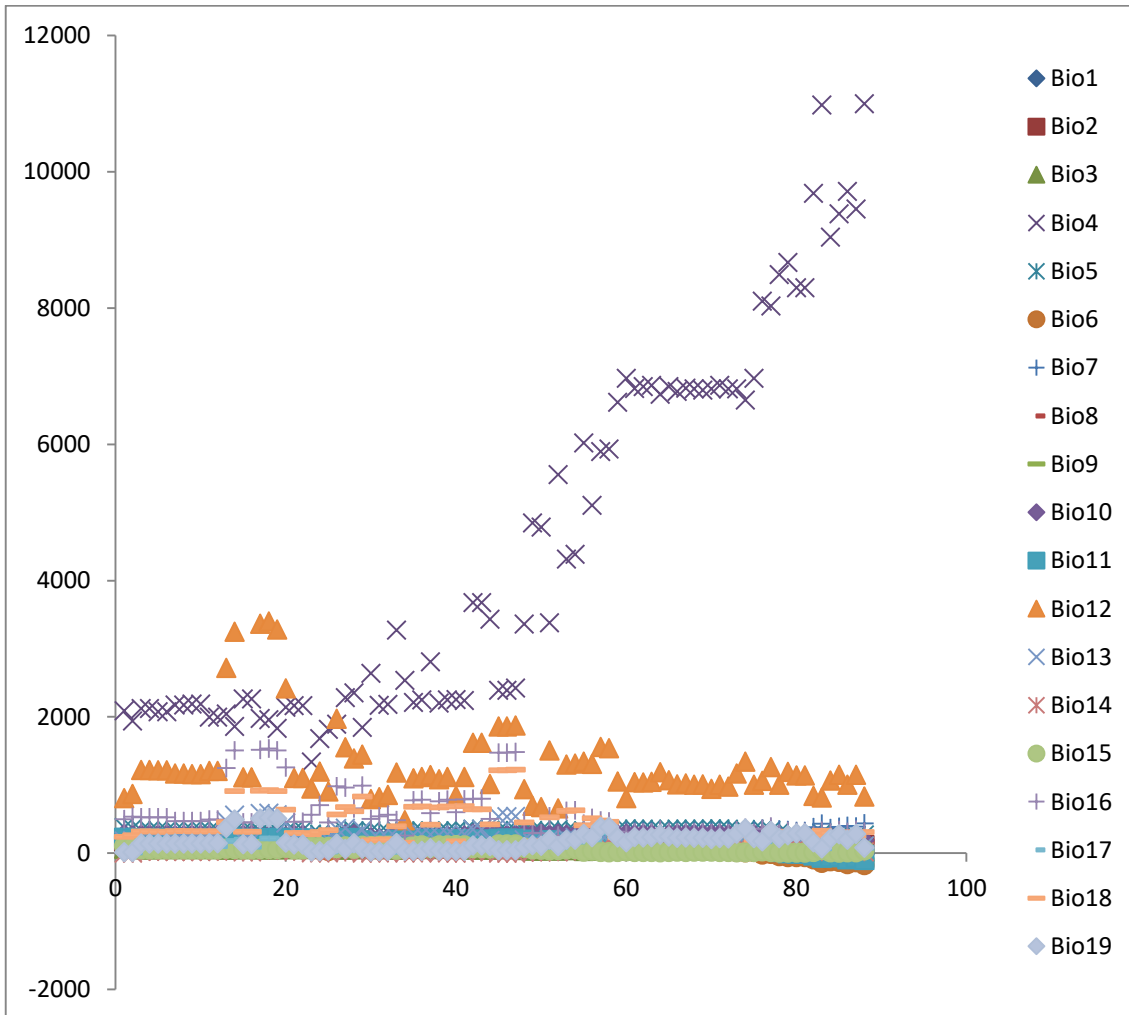
Ischnura_hastata



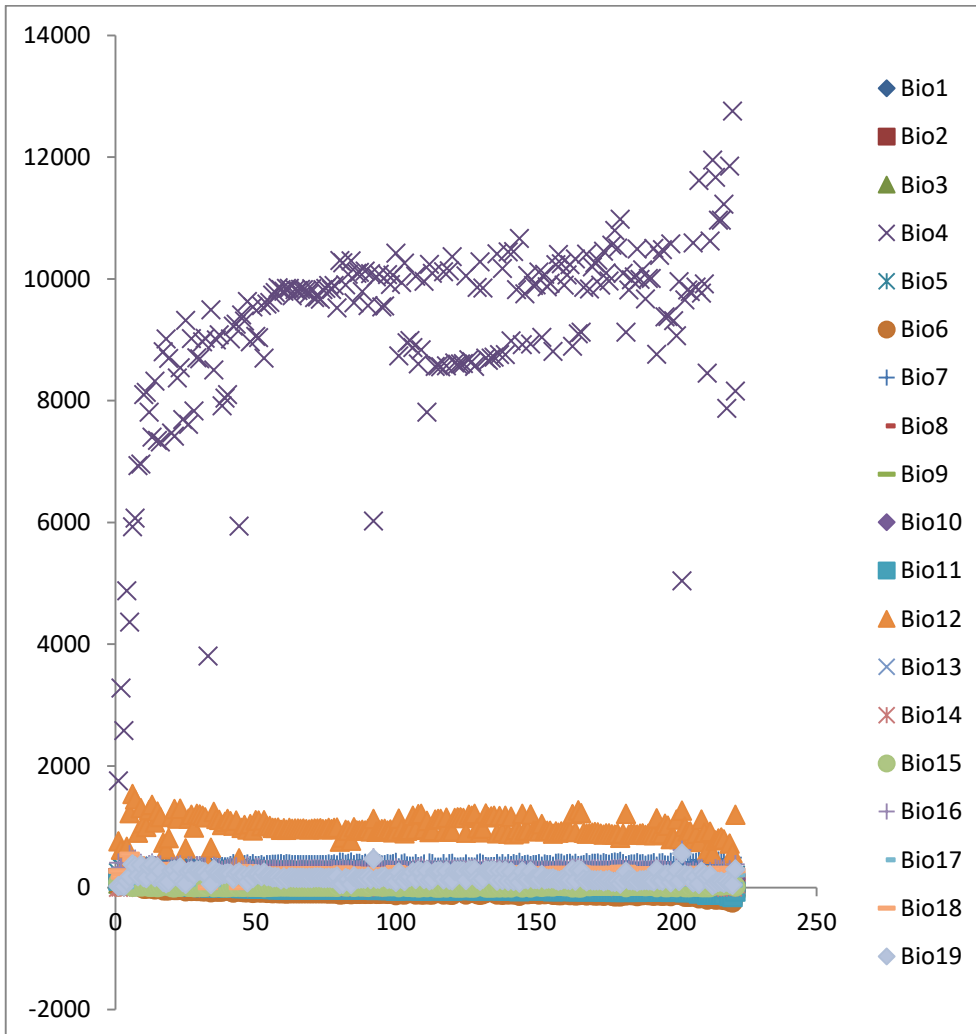
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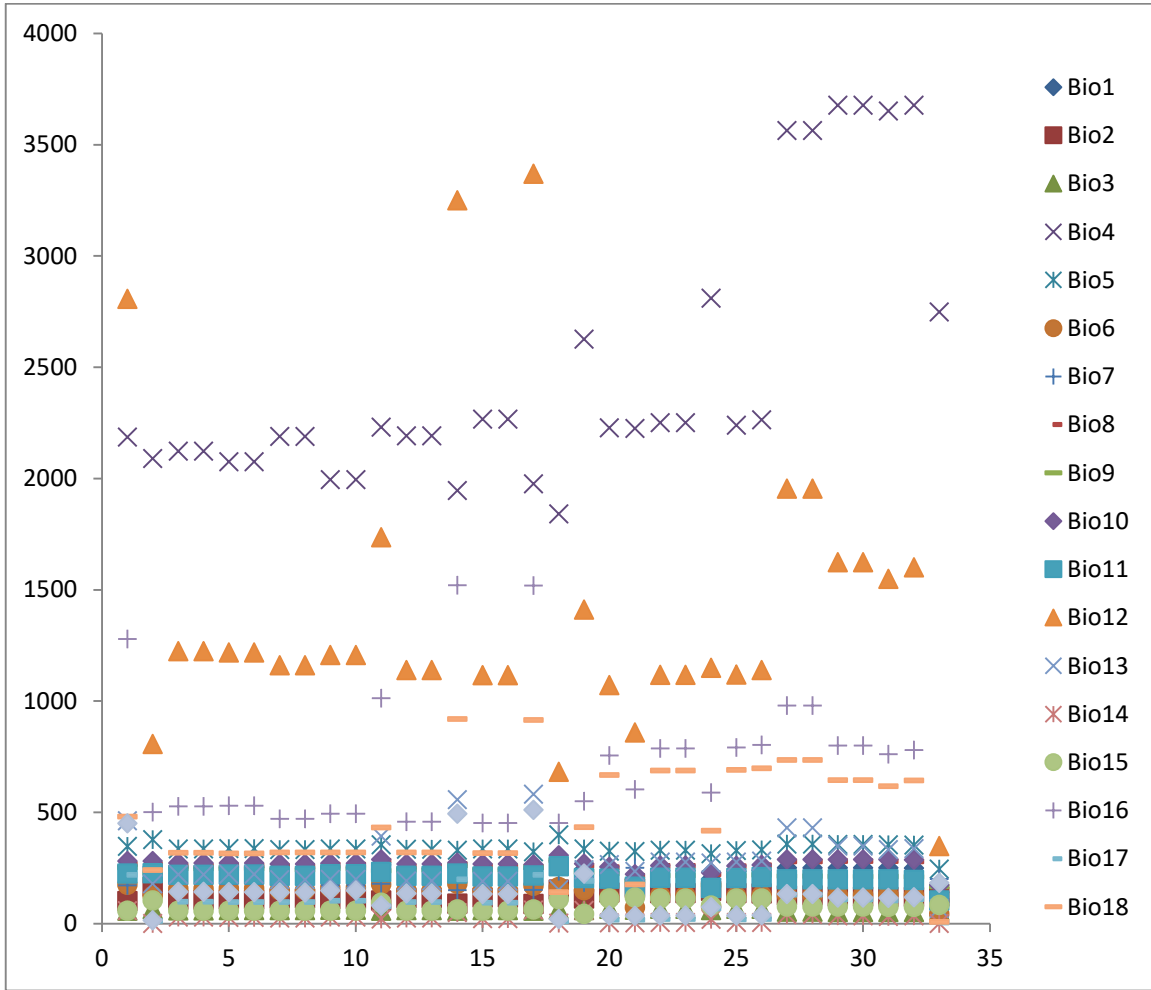
Ischnura_ramburii



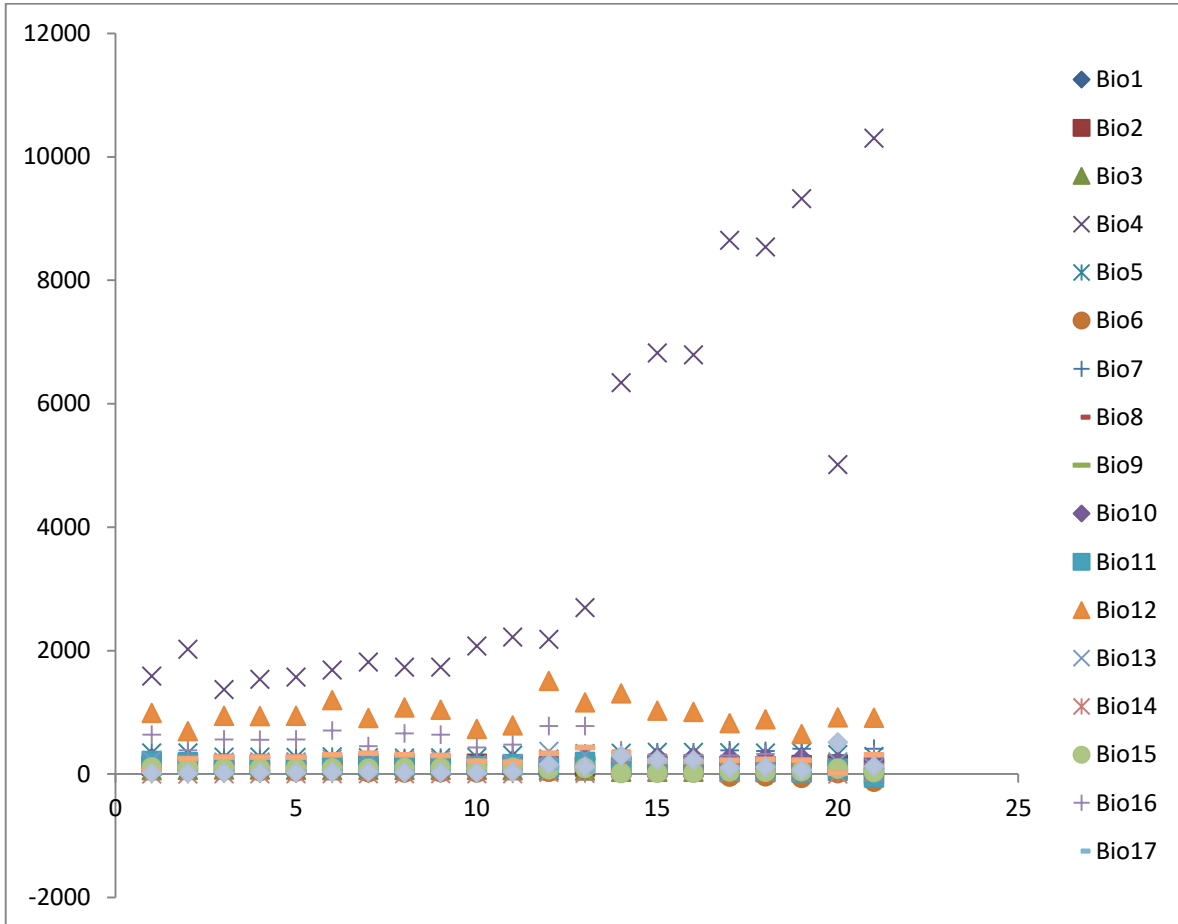
Ischnura_verticalis



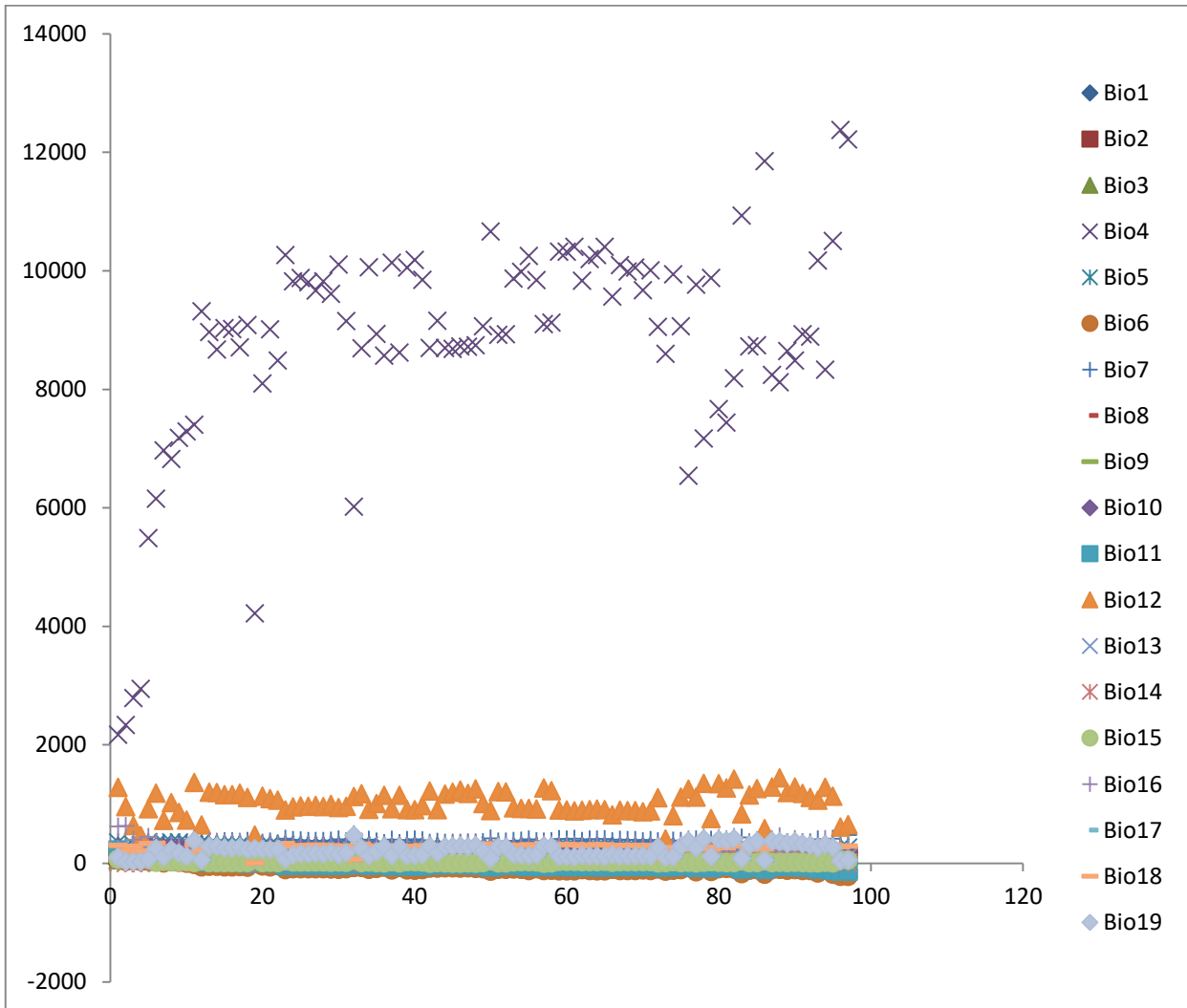
Leptobasis_vacillans



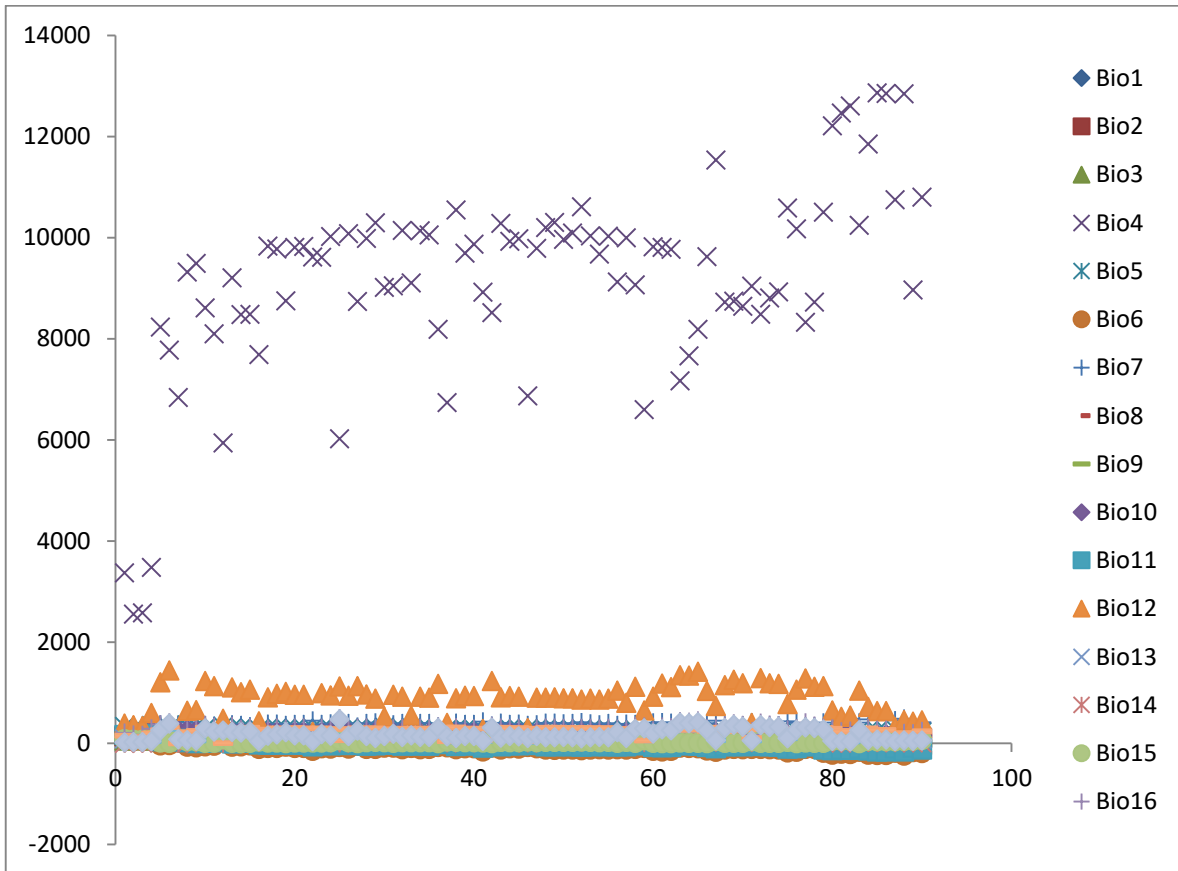
Lestes_alacer



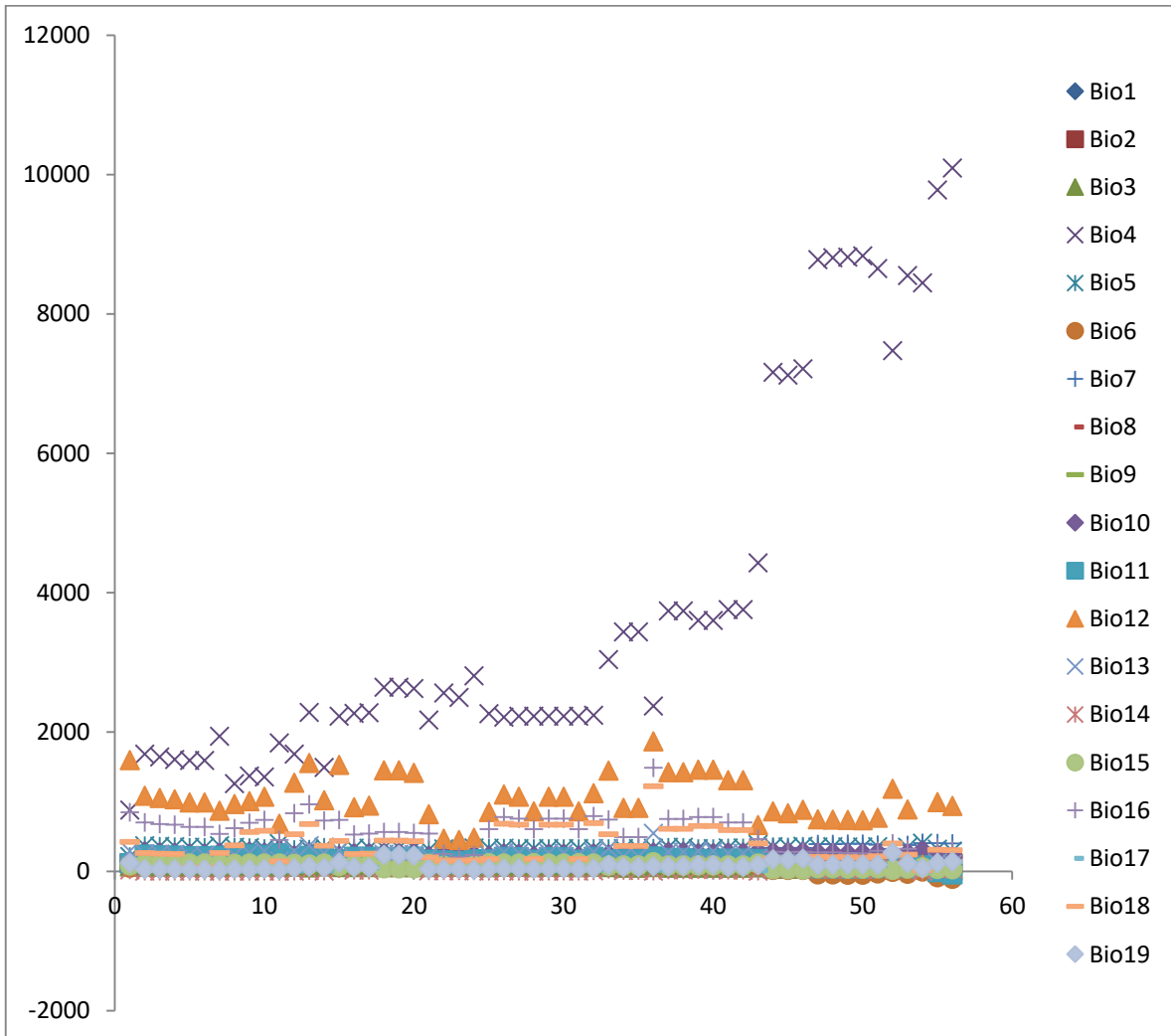
Lestes_rectangularis



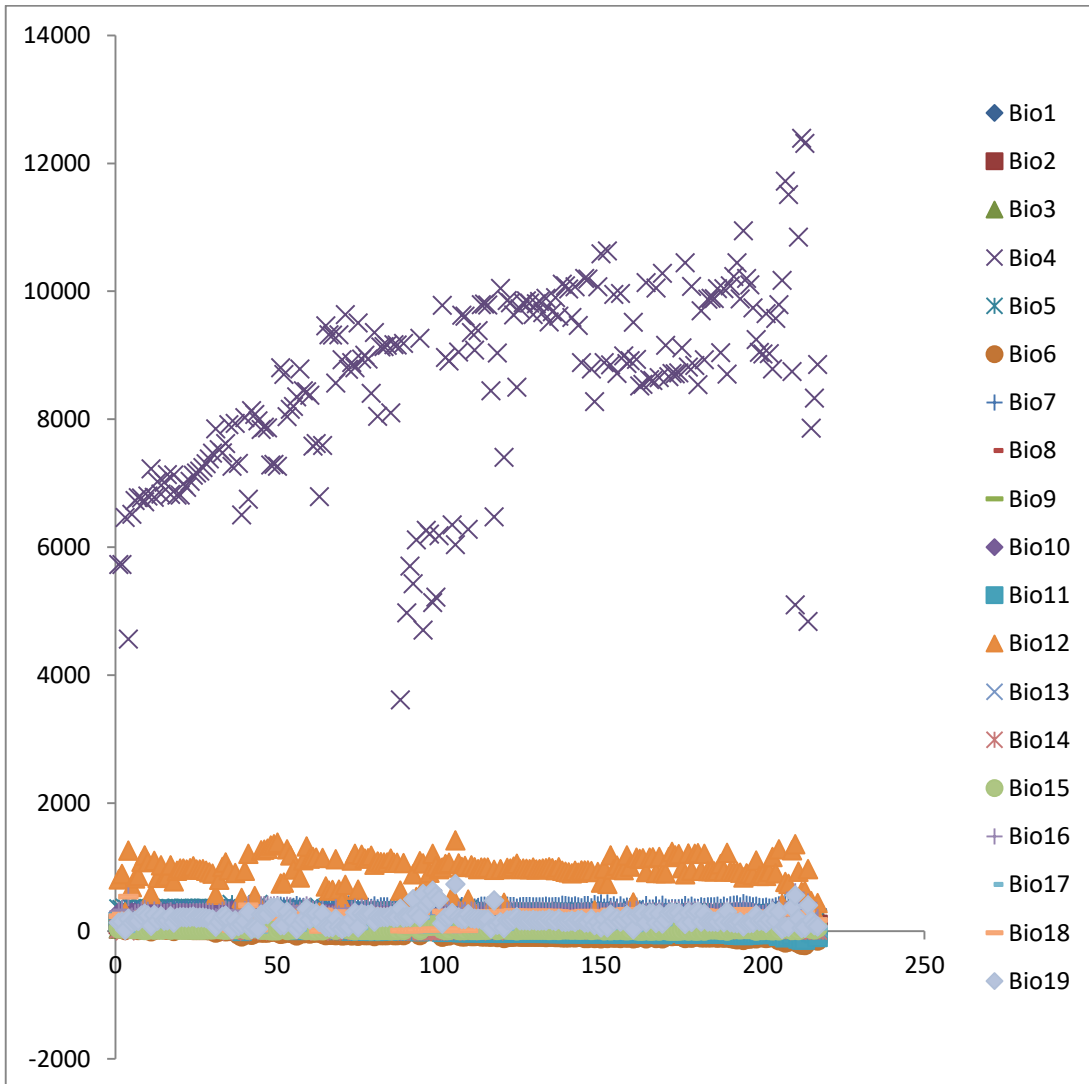
Lestes_unguiculatus



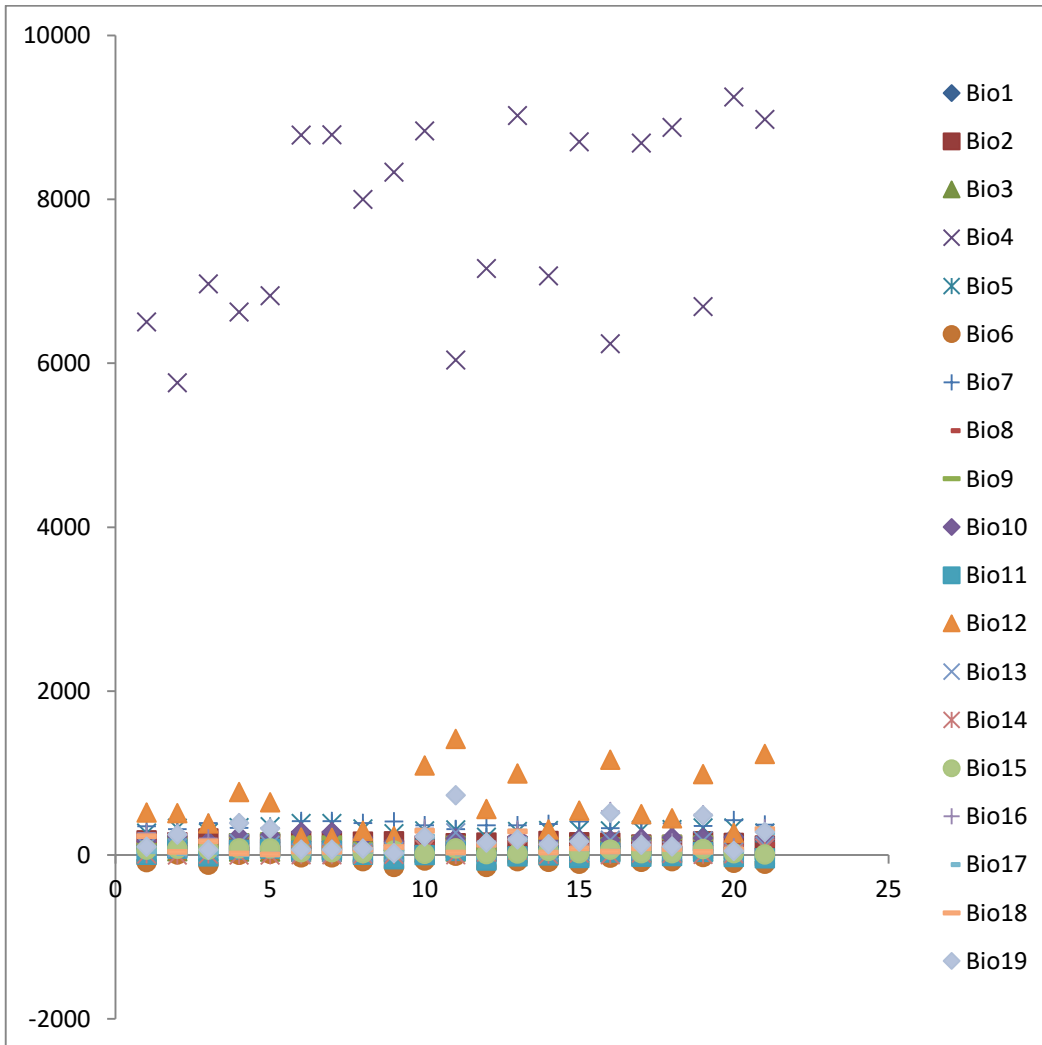
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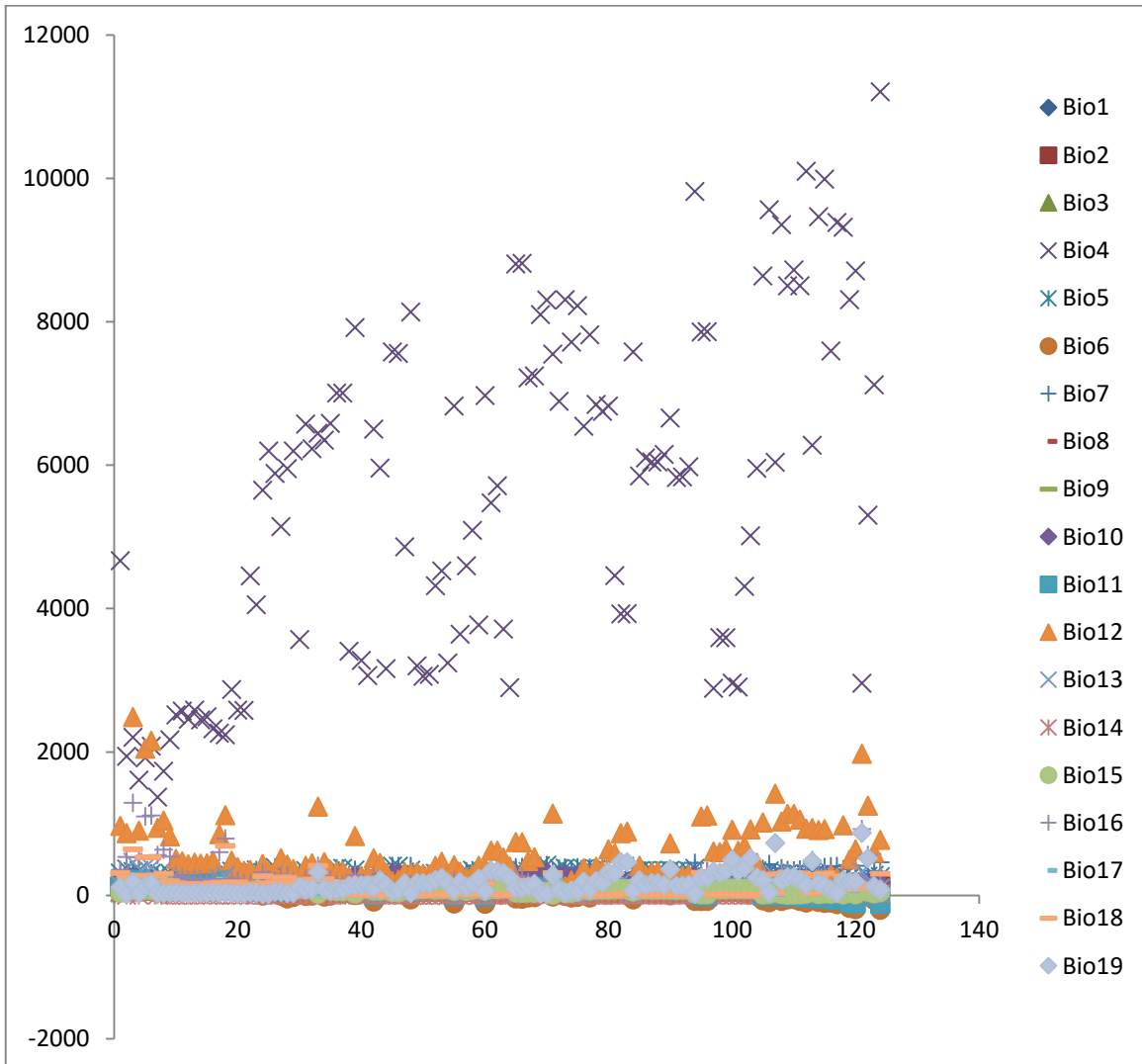
Libellula_luctuosa



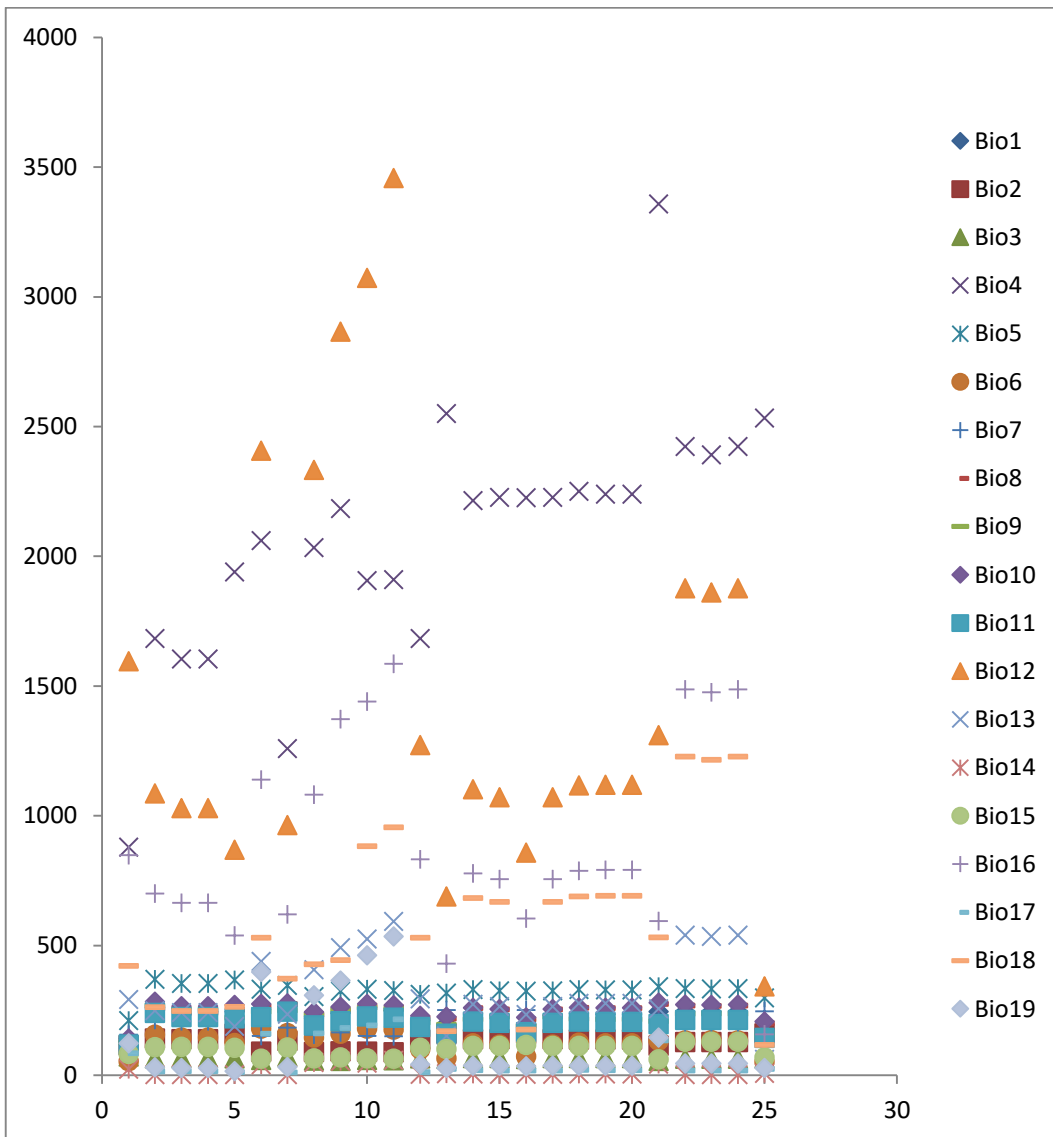
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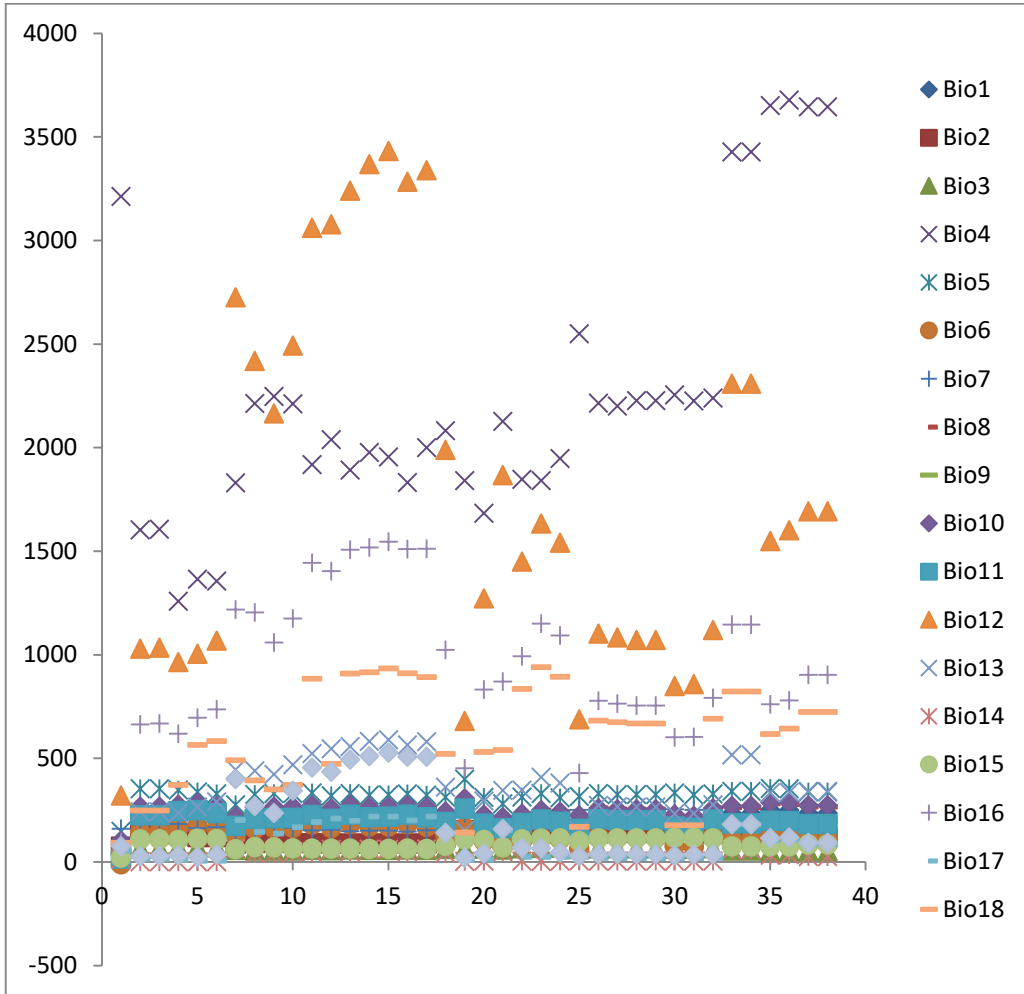
Libellula_saturata



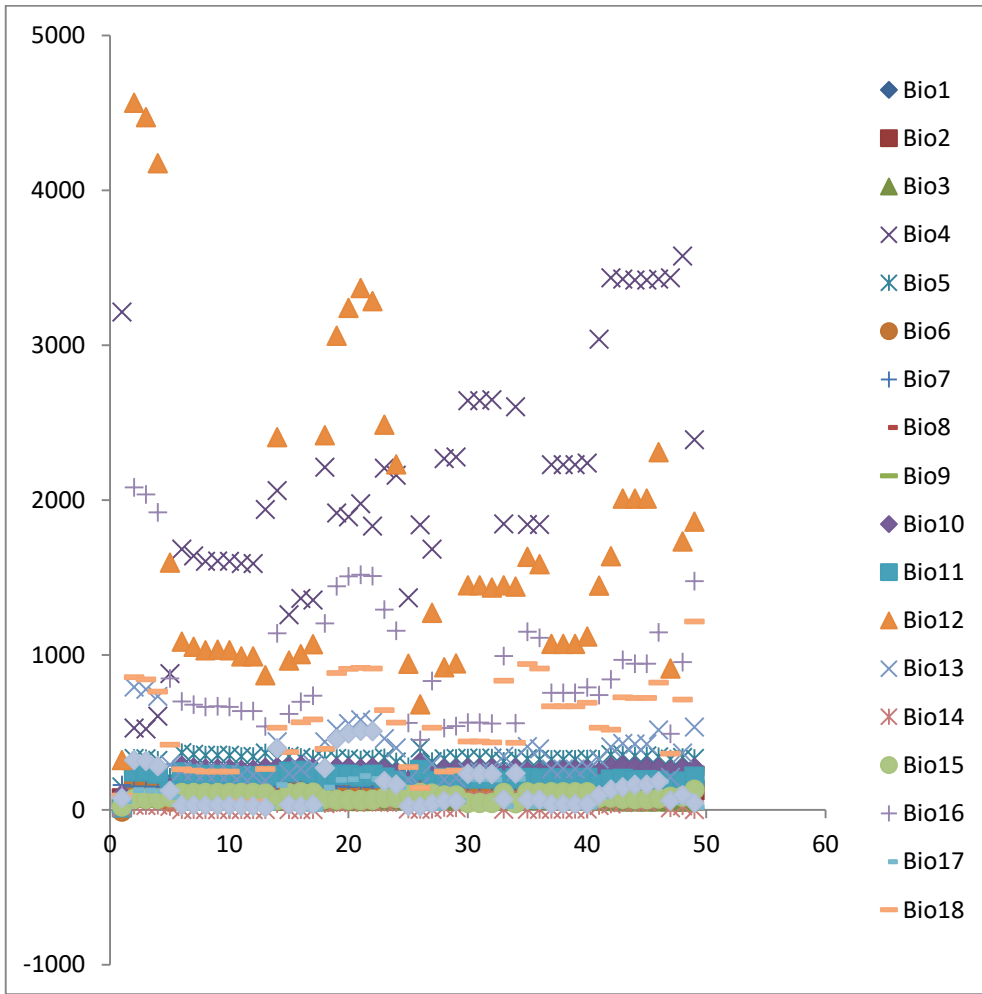
Macrothemis_inacuta



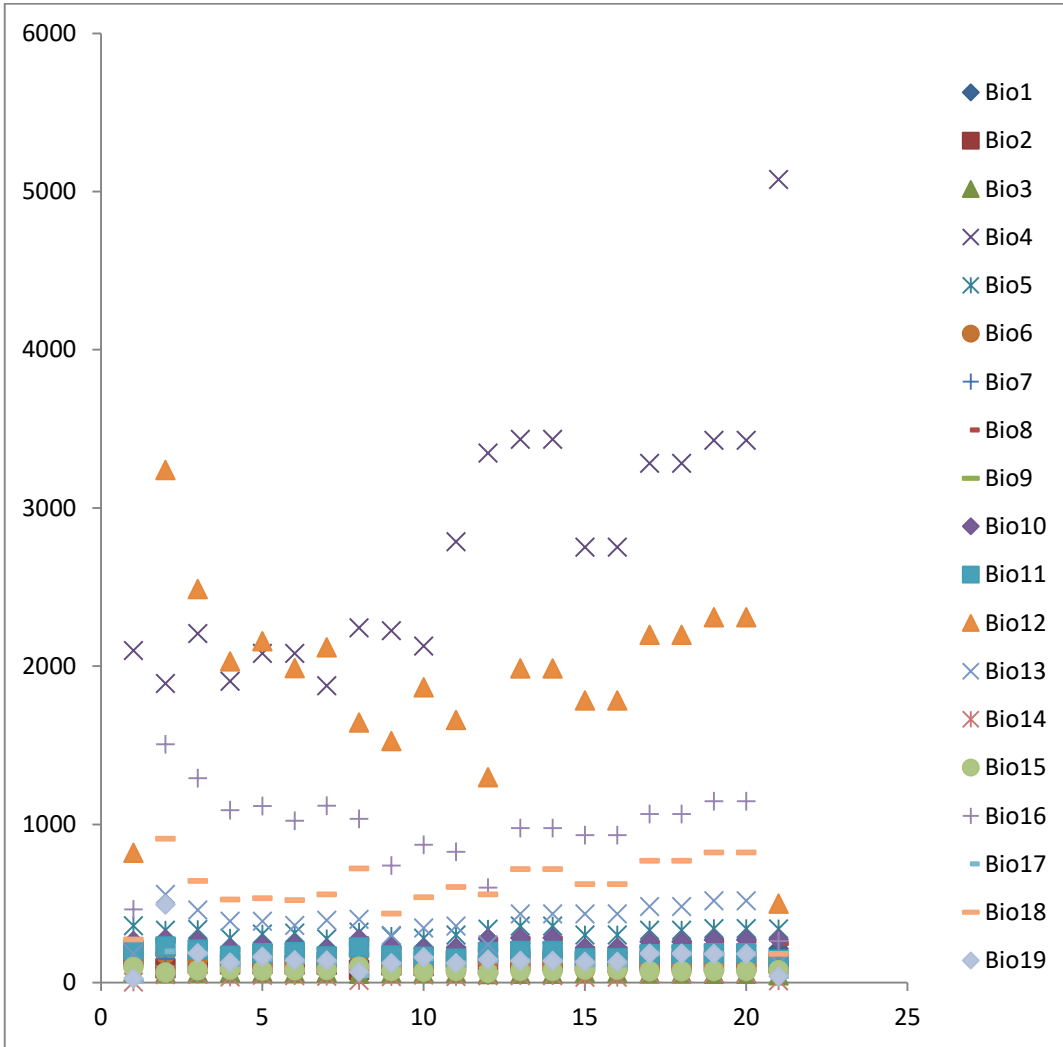
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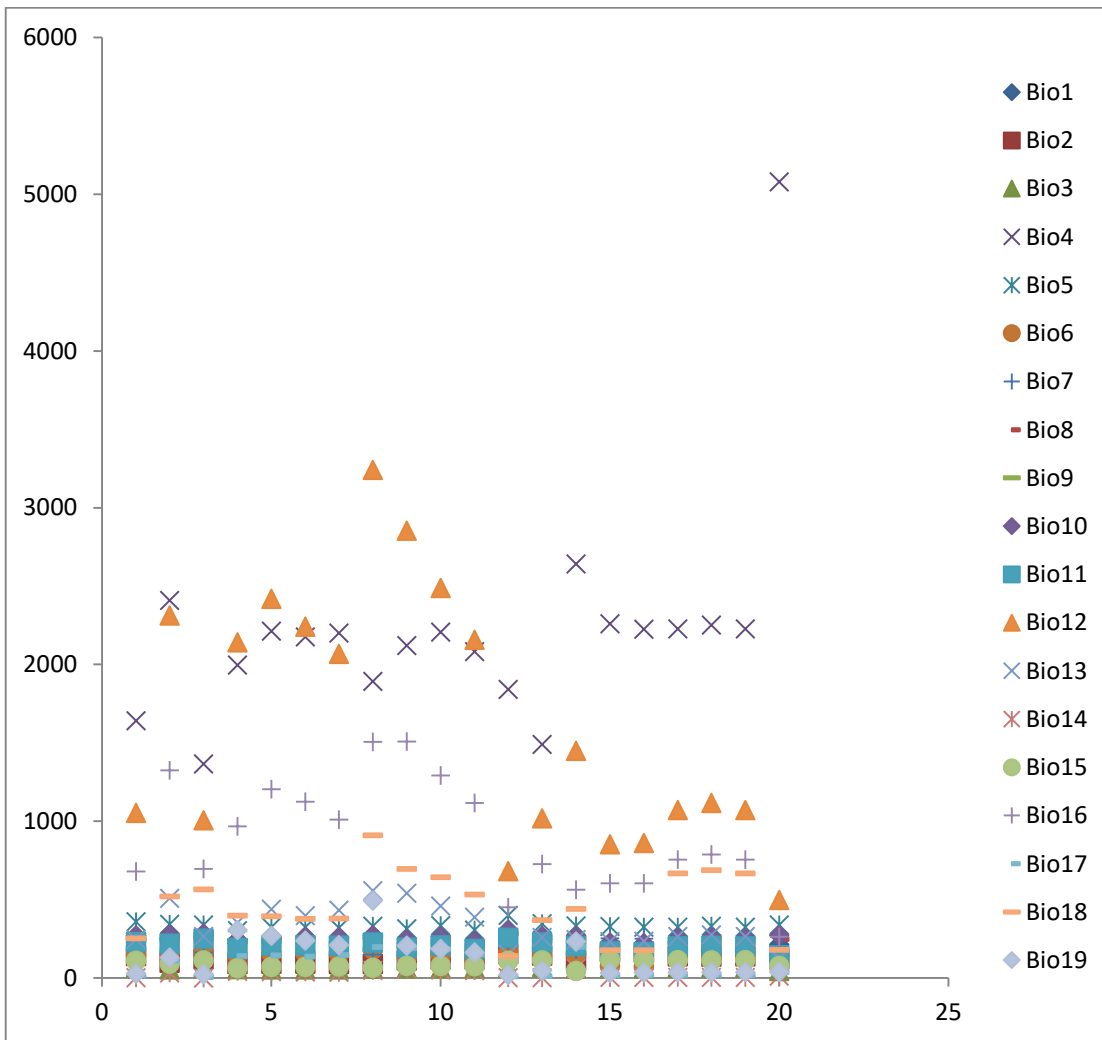
Macrothemis_pseudimitans



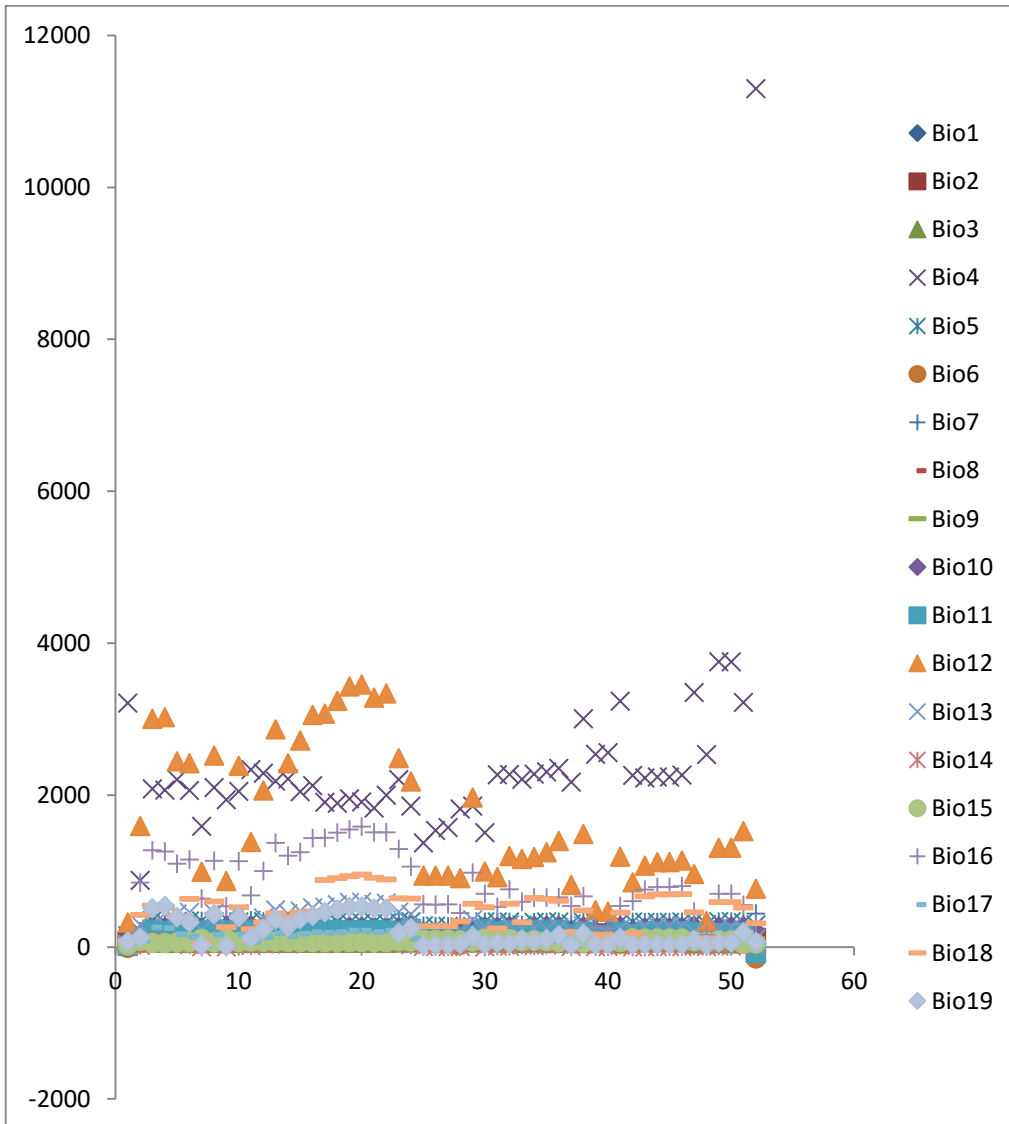
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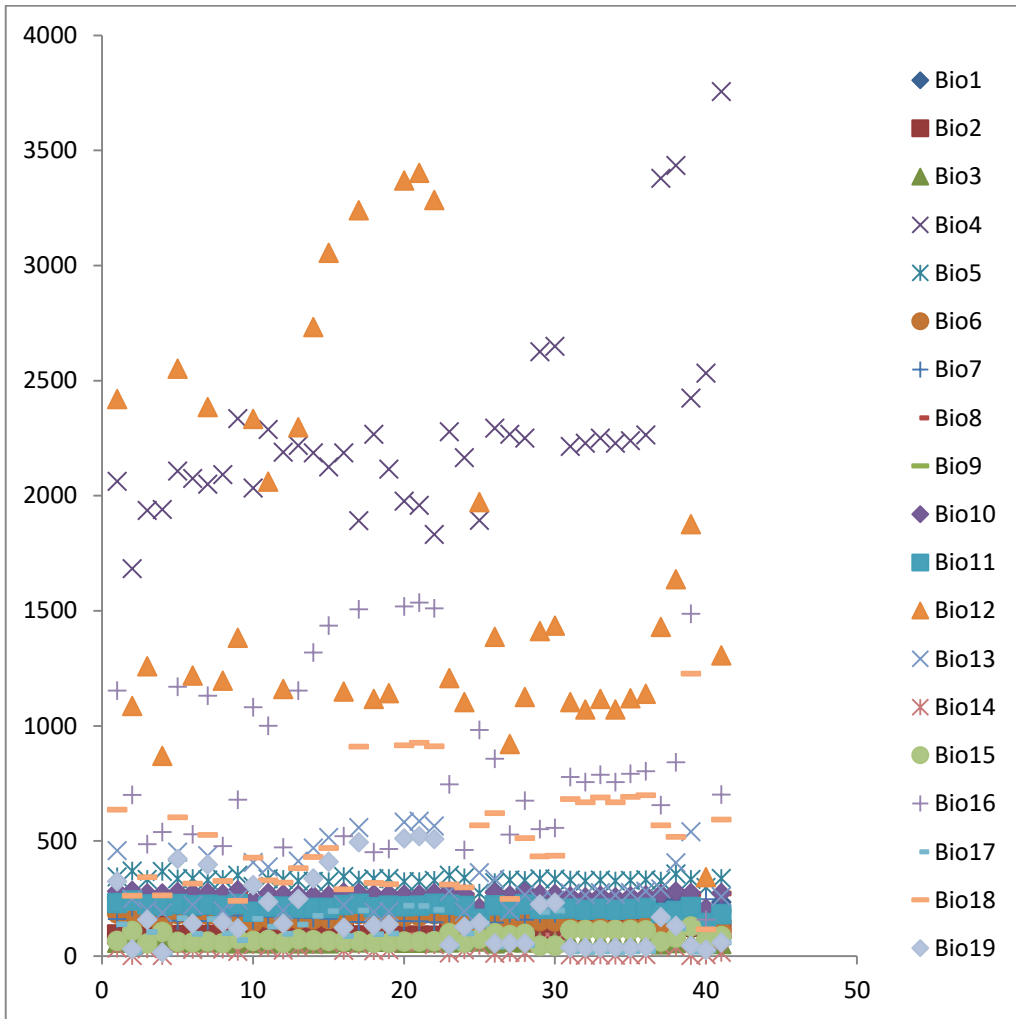
Mecistogaster_ornata



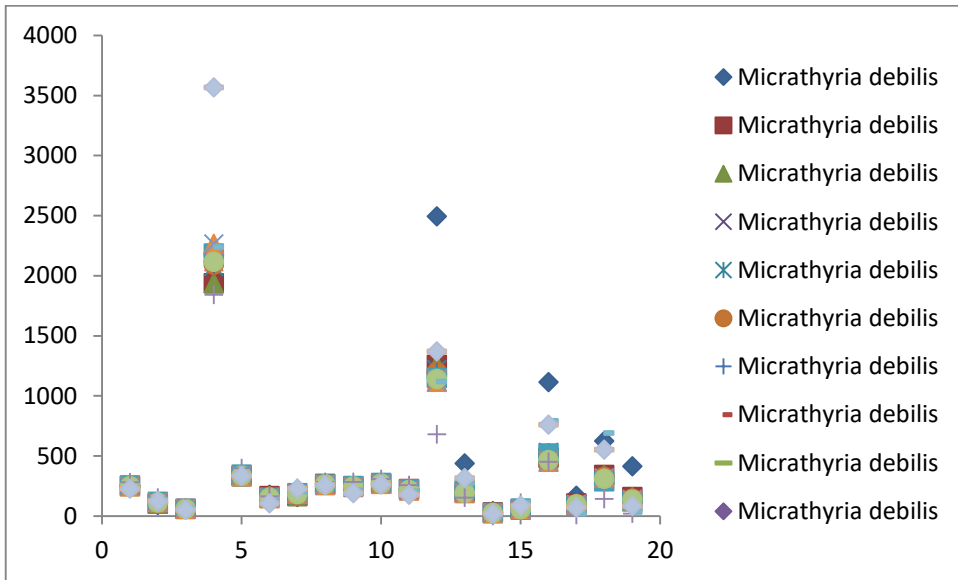
Miathyria_marcella



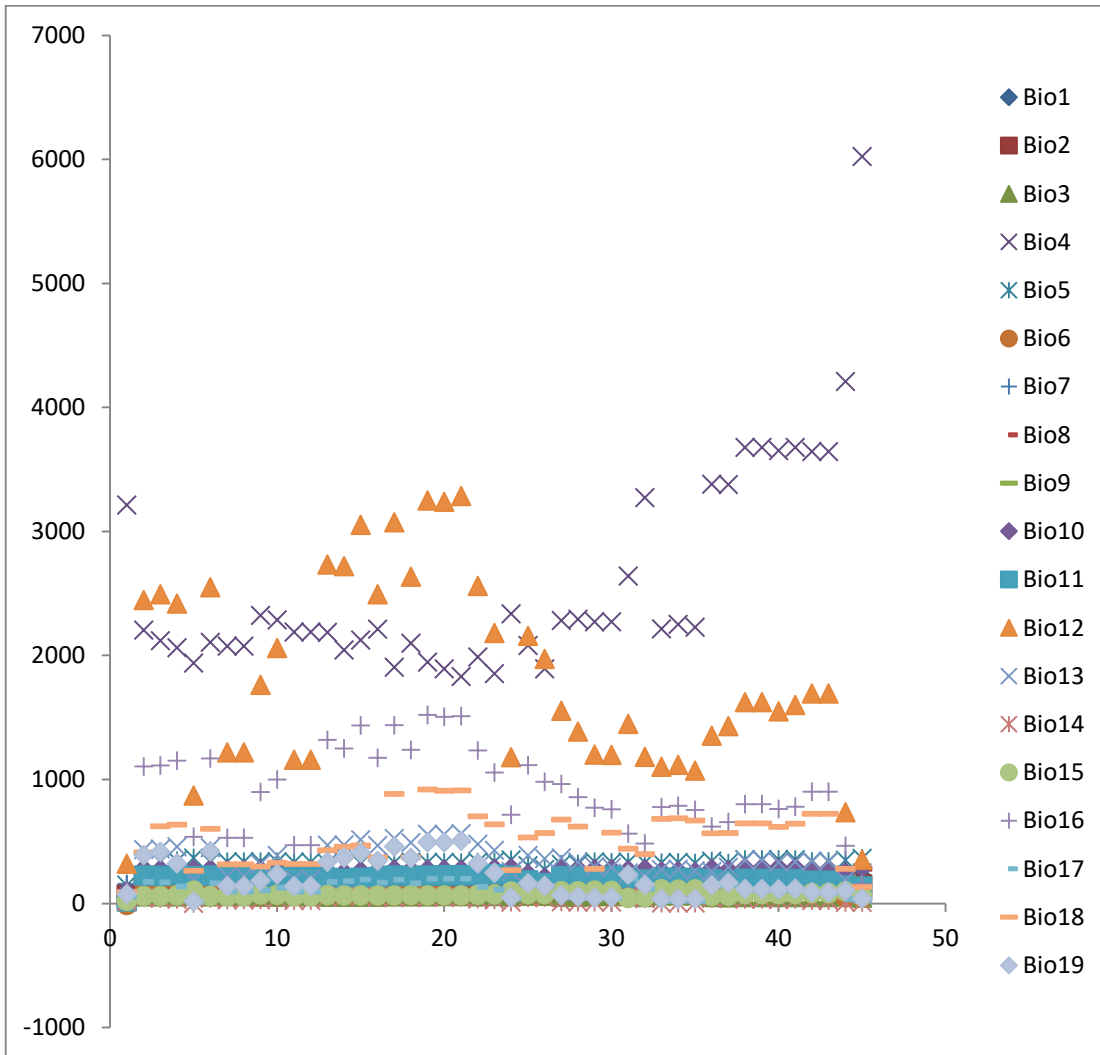
Micrathyria_aequalis



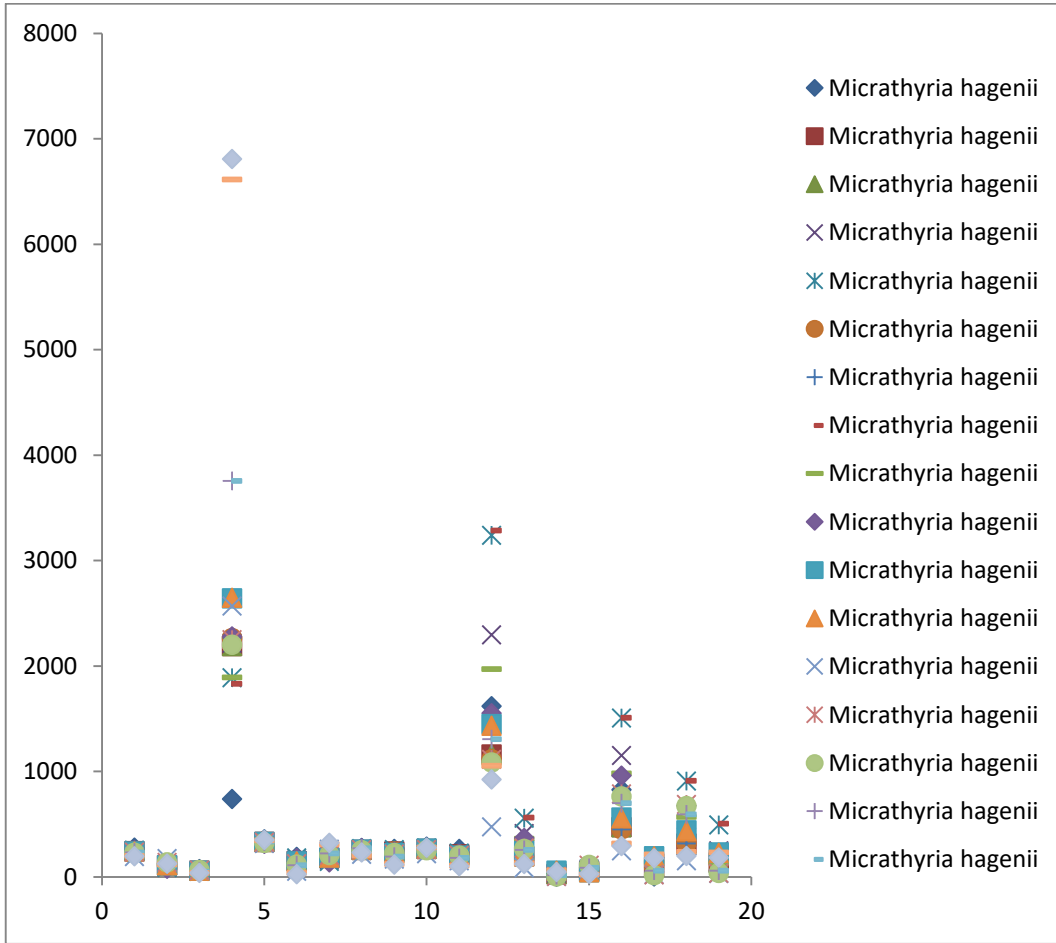
Micrathyria_debilis



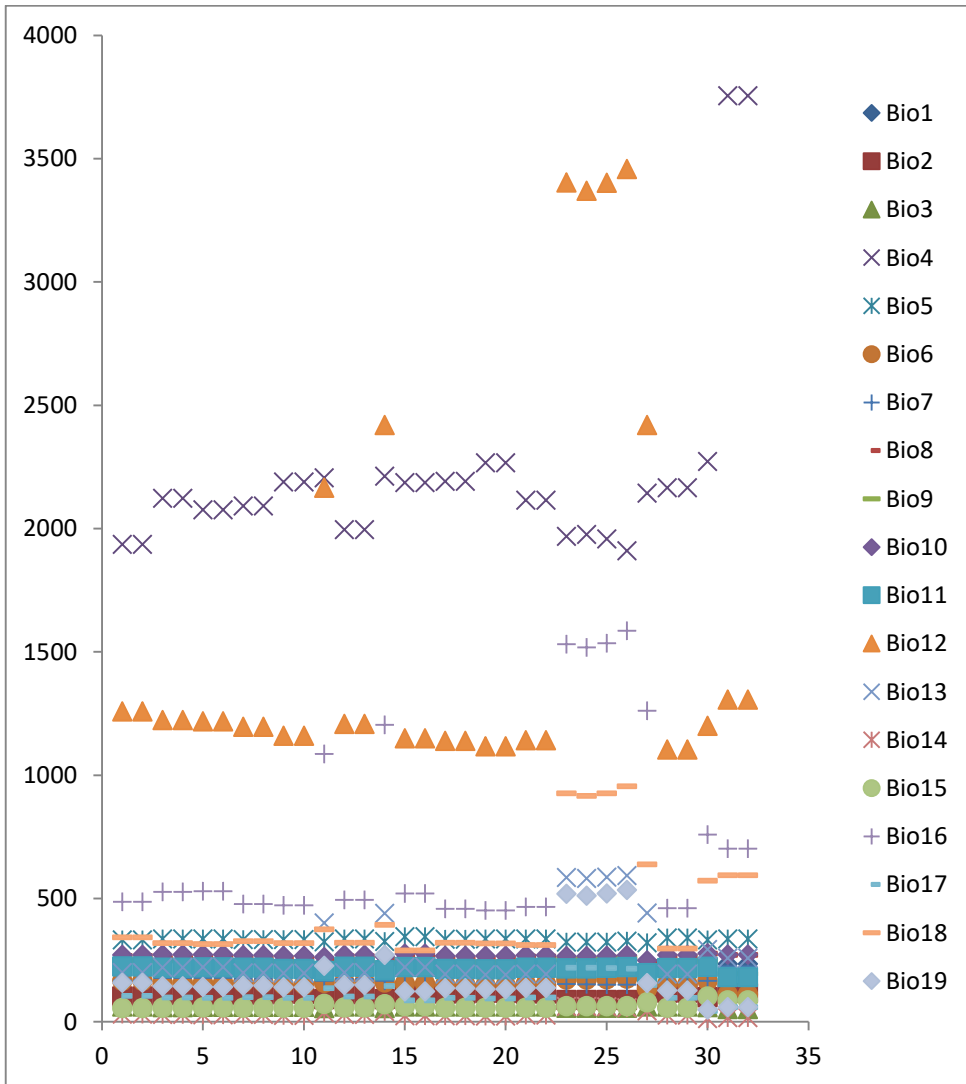
Micrathyria_didyma



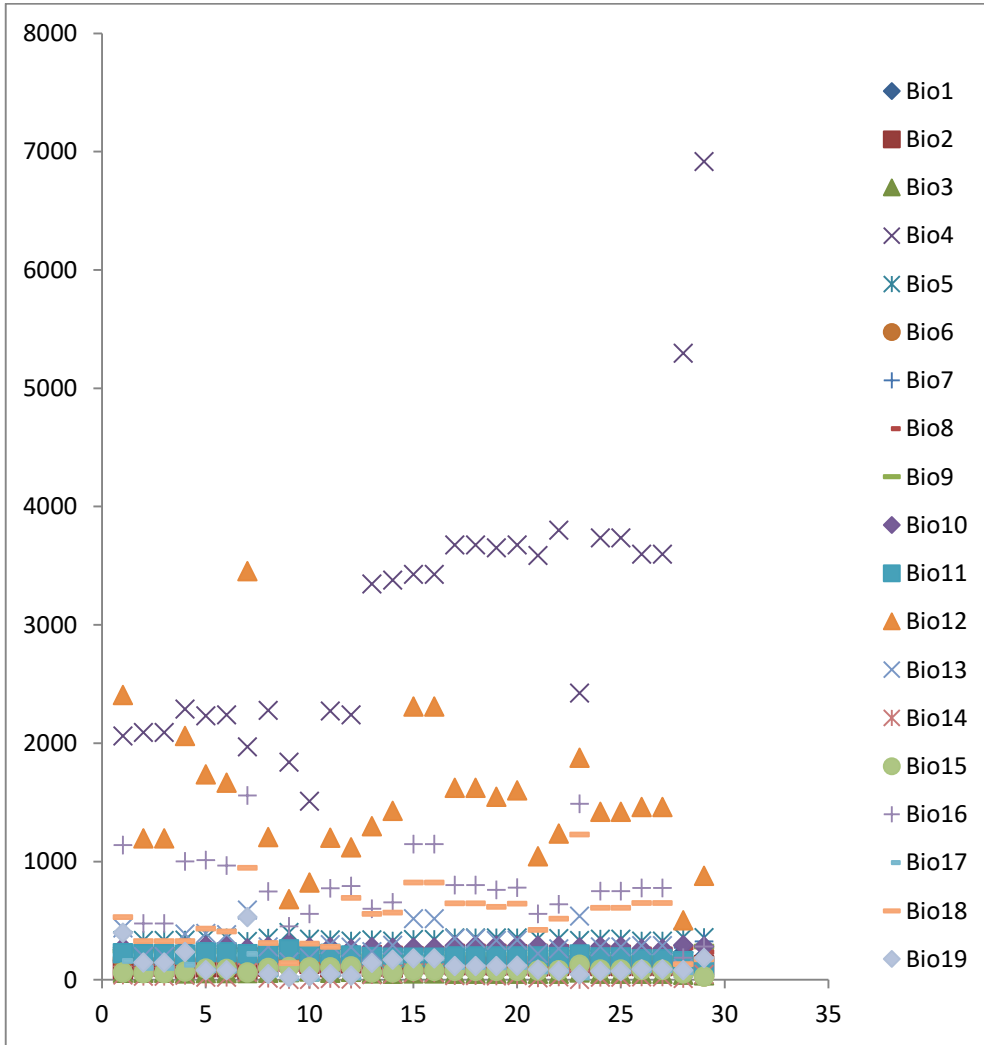
Micrathyria_hagenii



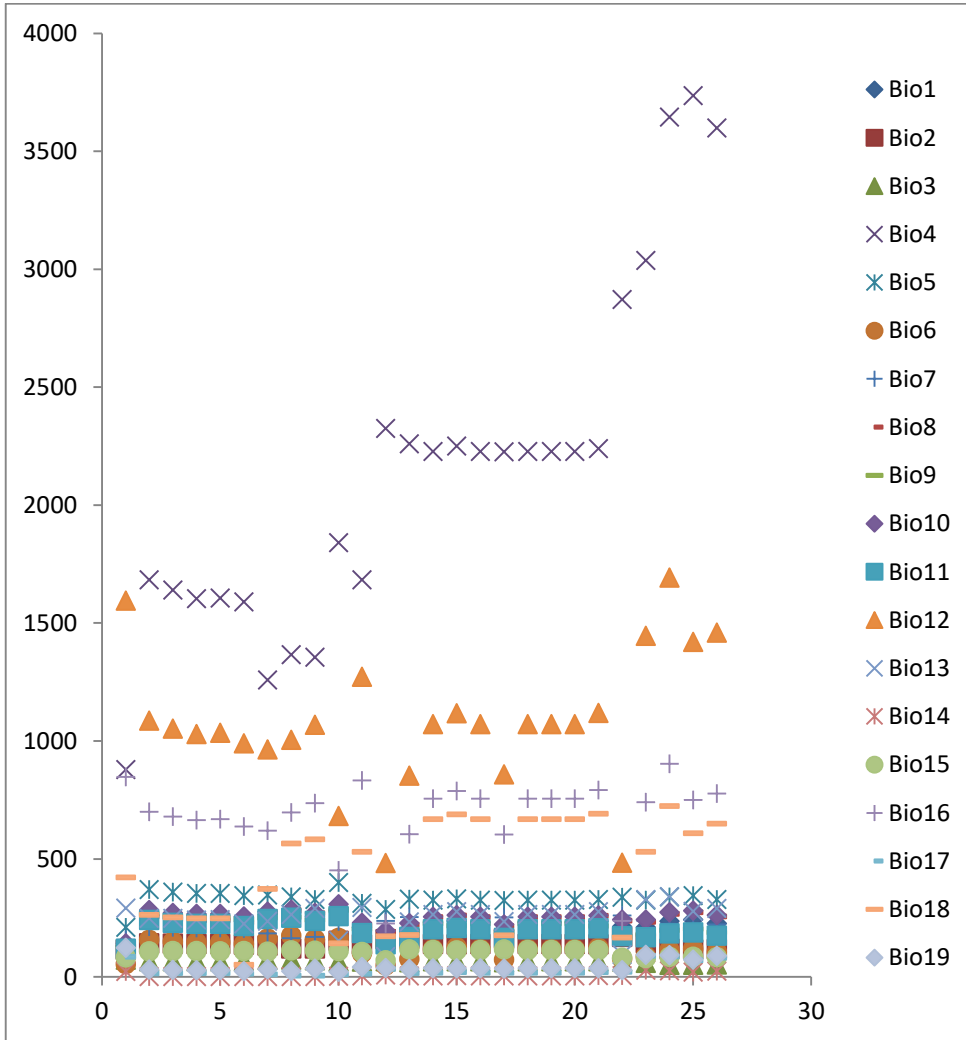
Neorythromma_cultellatum



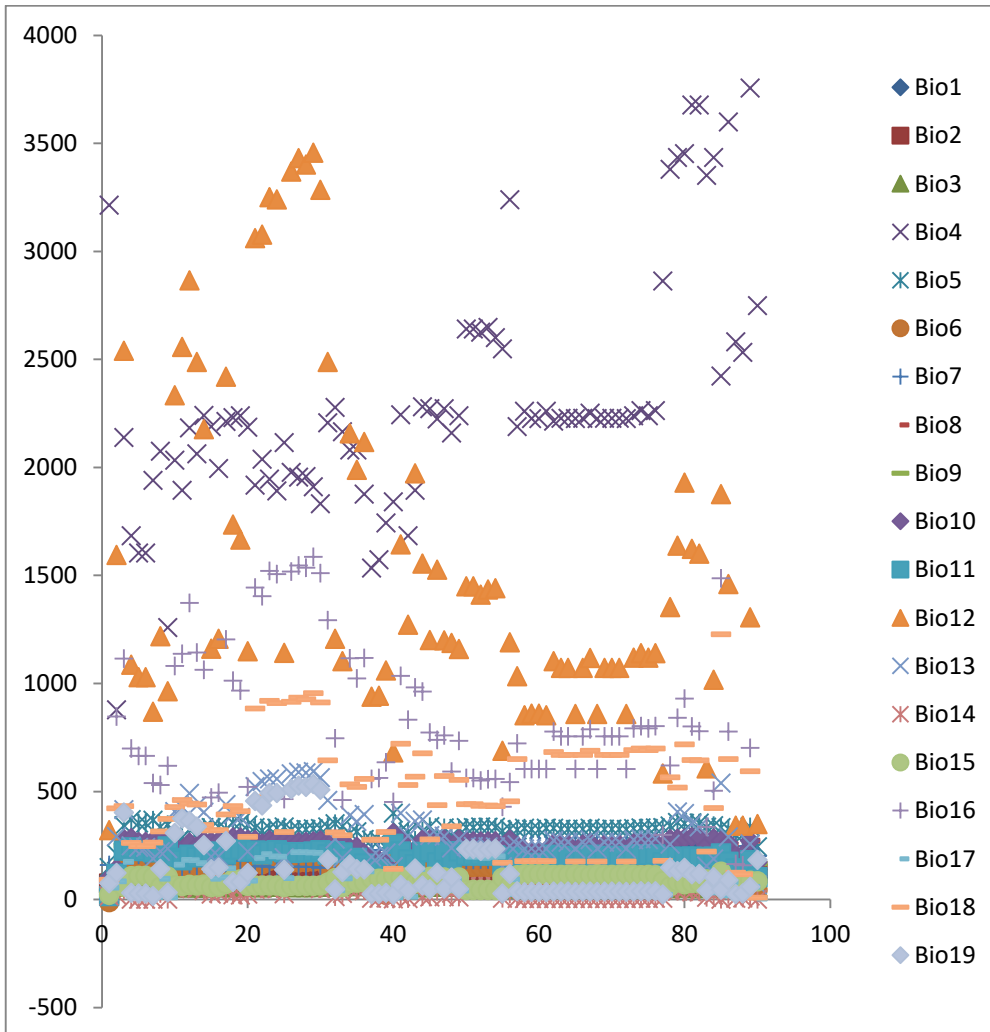
Neoneura_amelia



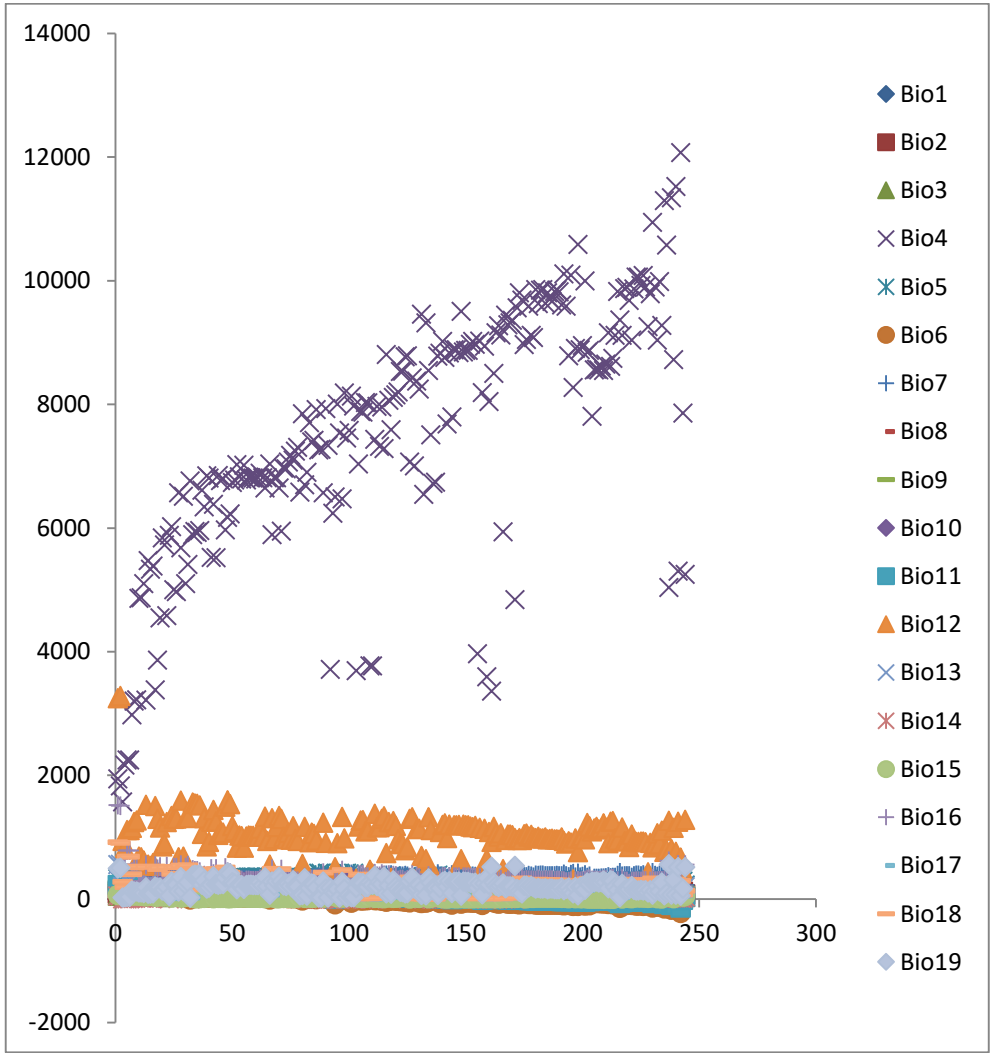
Orthemis_discolor



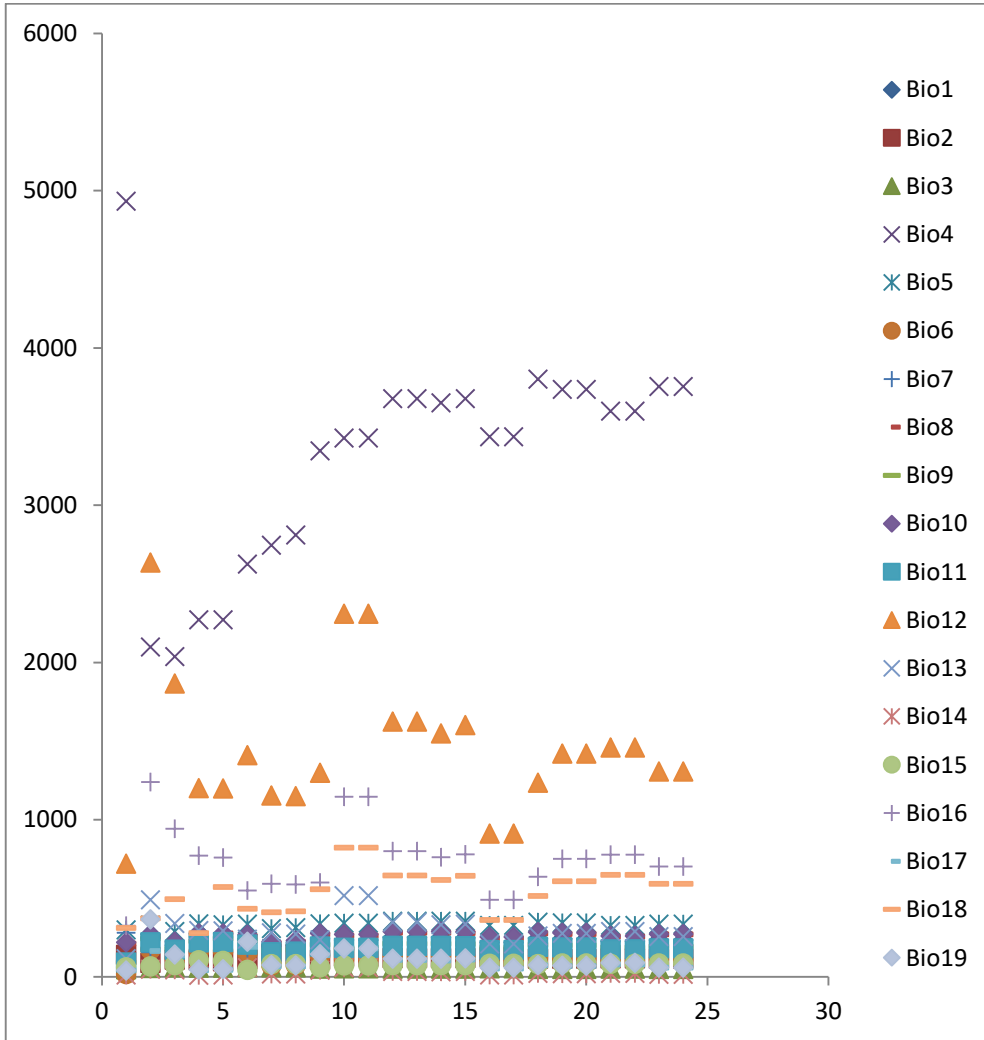
Orthemis_ferruginea



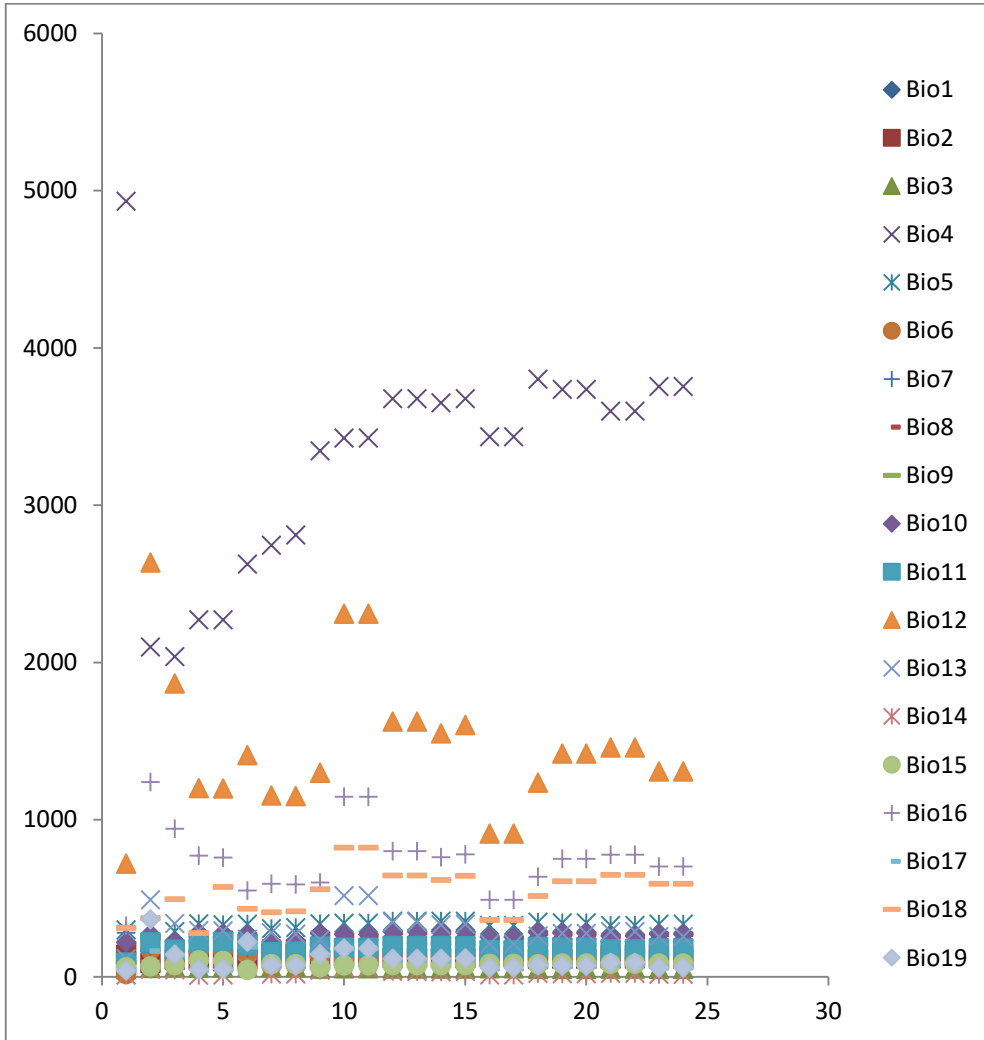
Pachydiplax_longipennis



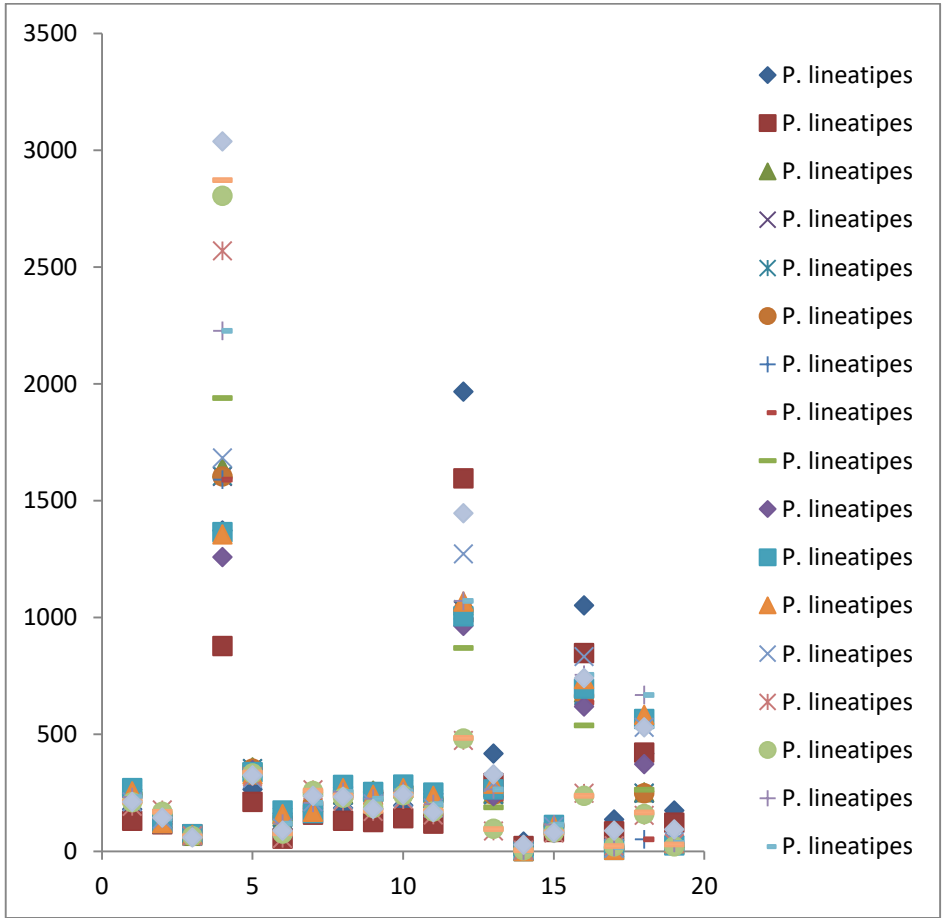
Palaemnema_paulicoba



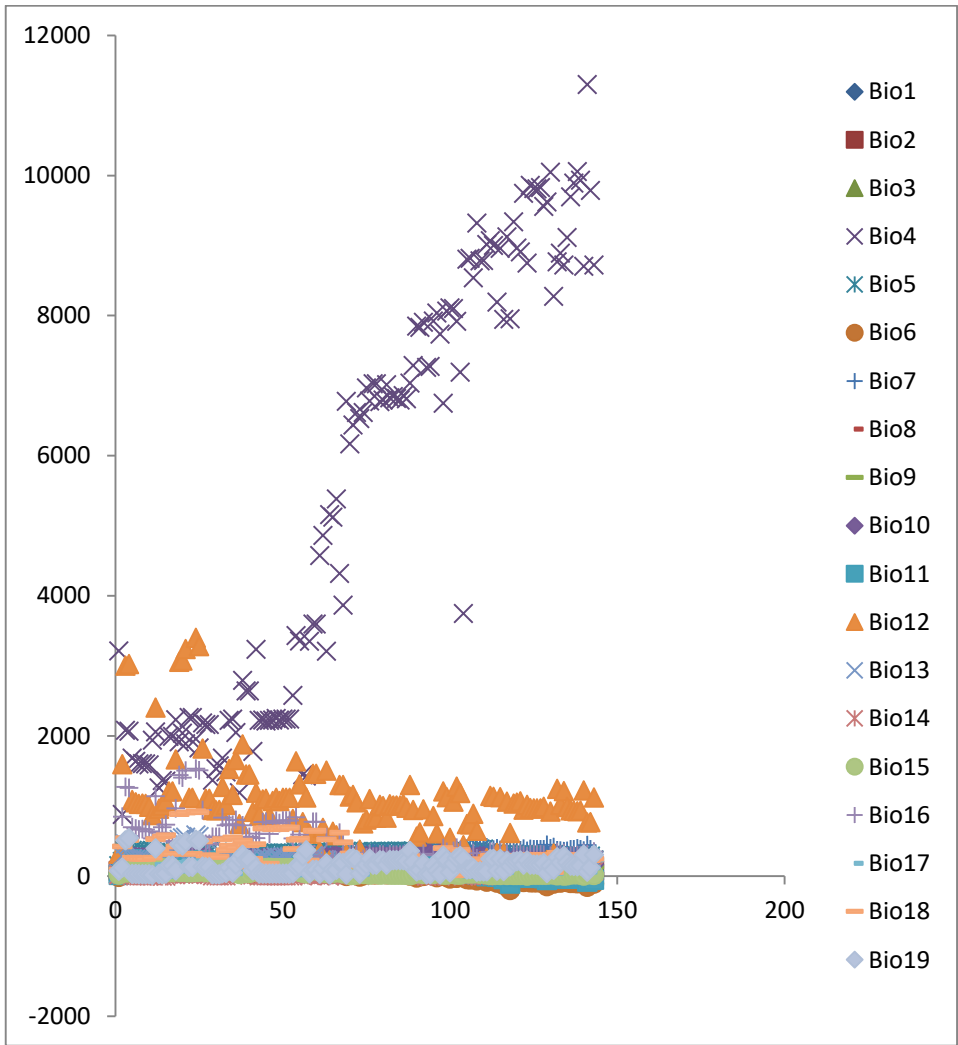
Palaemnema_paulitoyaca



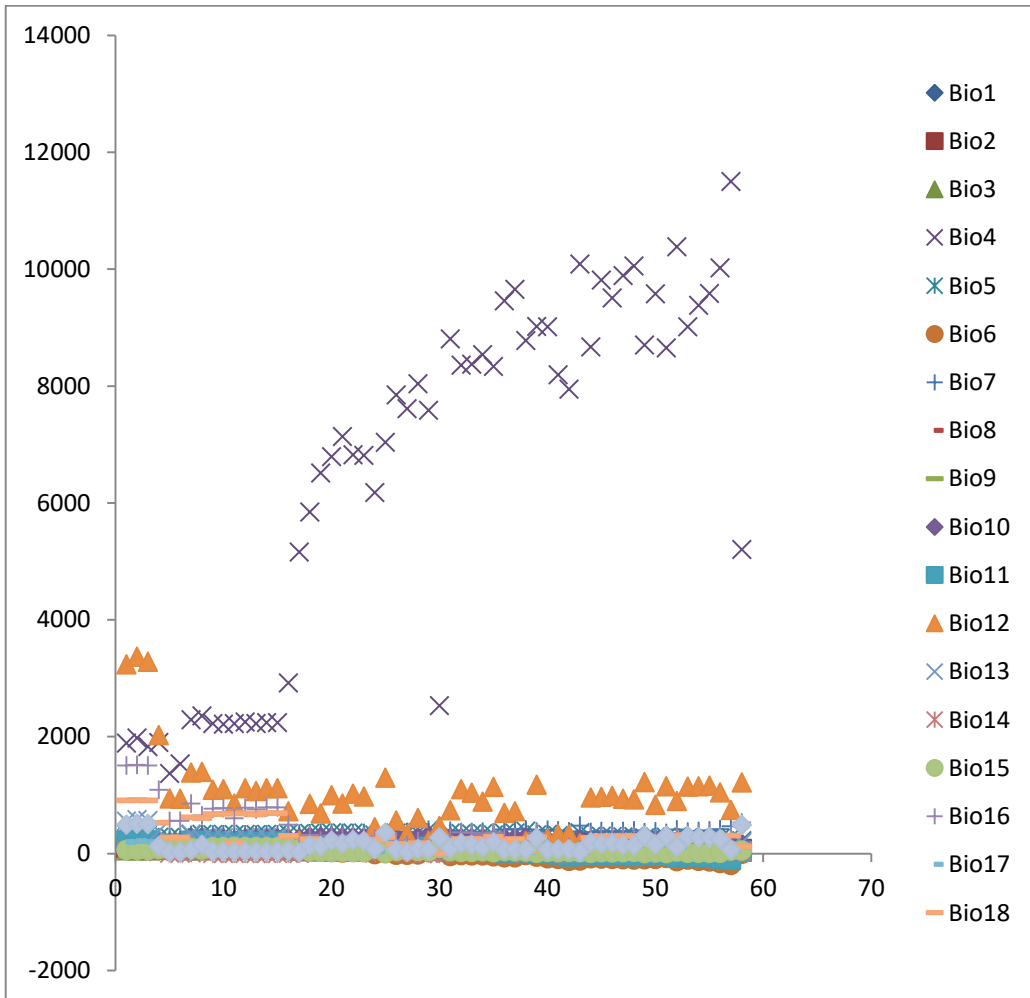
Paltothemis_lineatipes



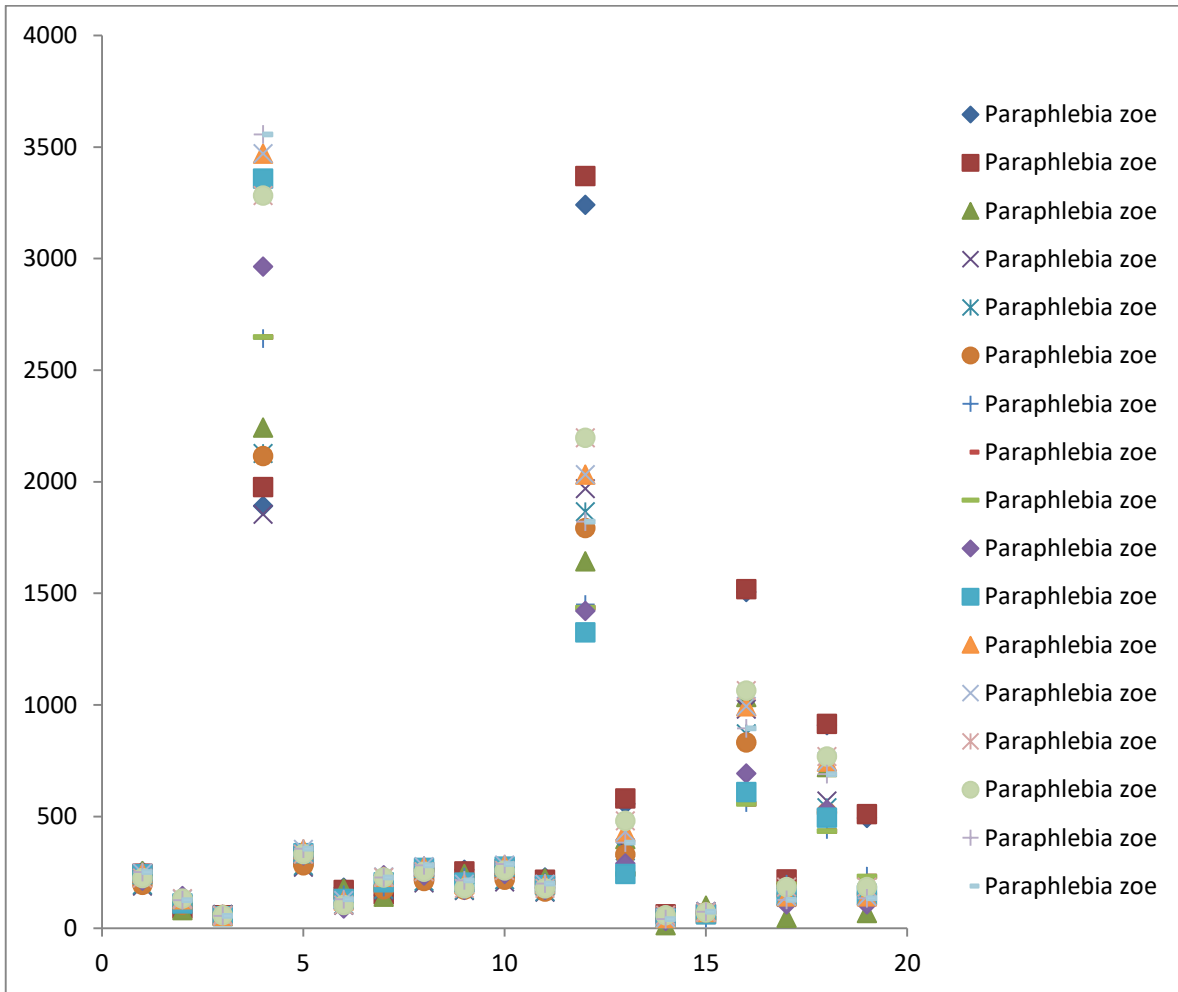
Pantala_flavescens



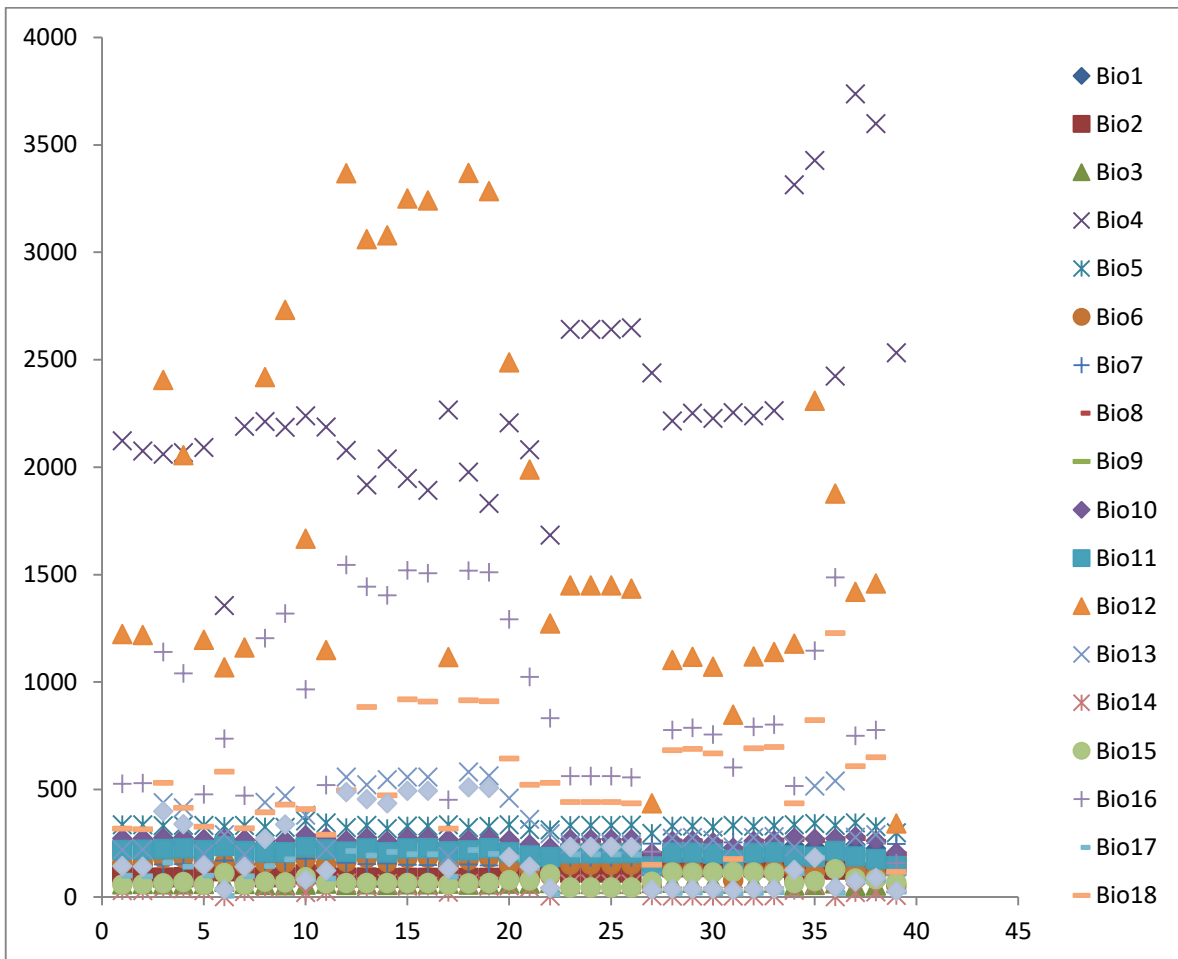
Pantala_hymenaea



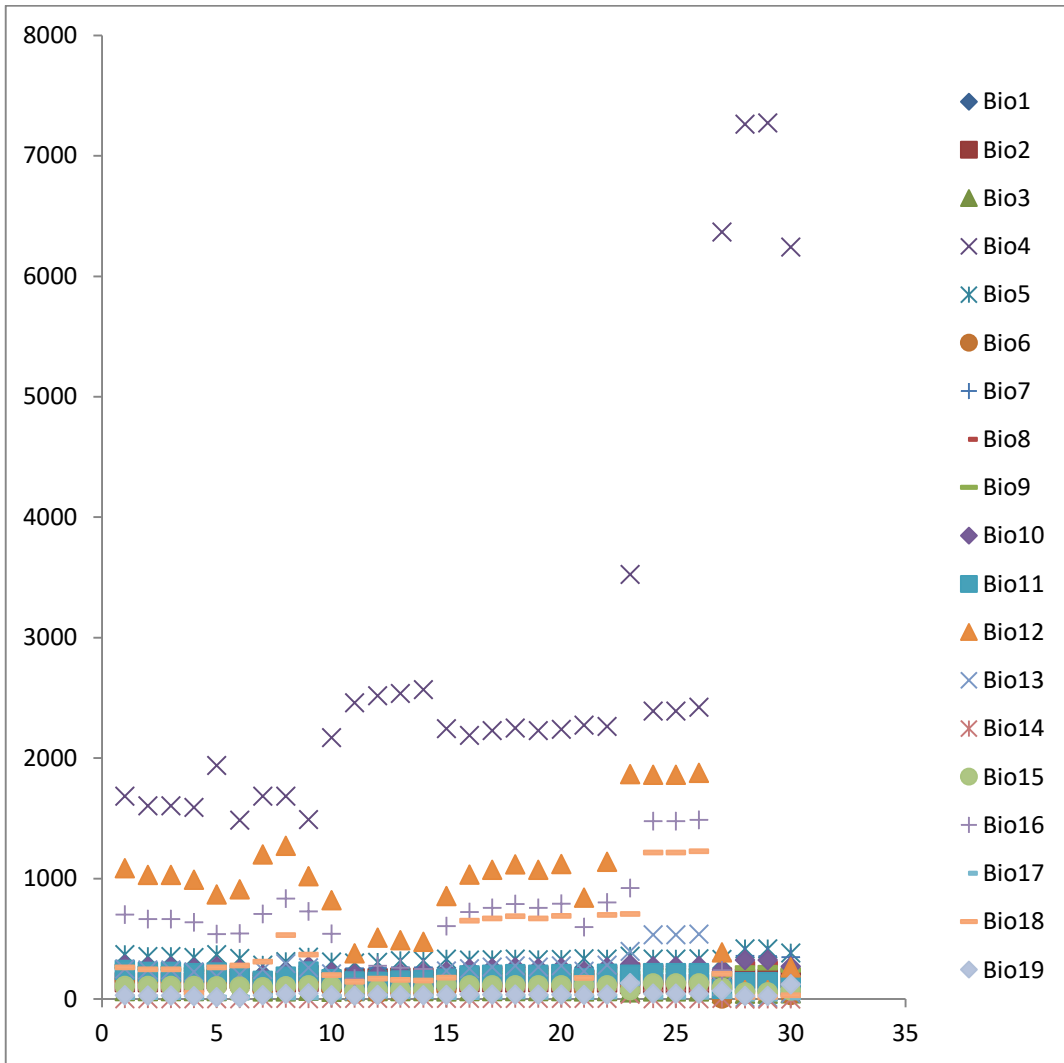
Paraphlebia_zoe



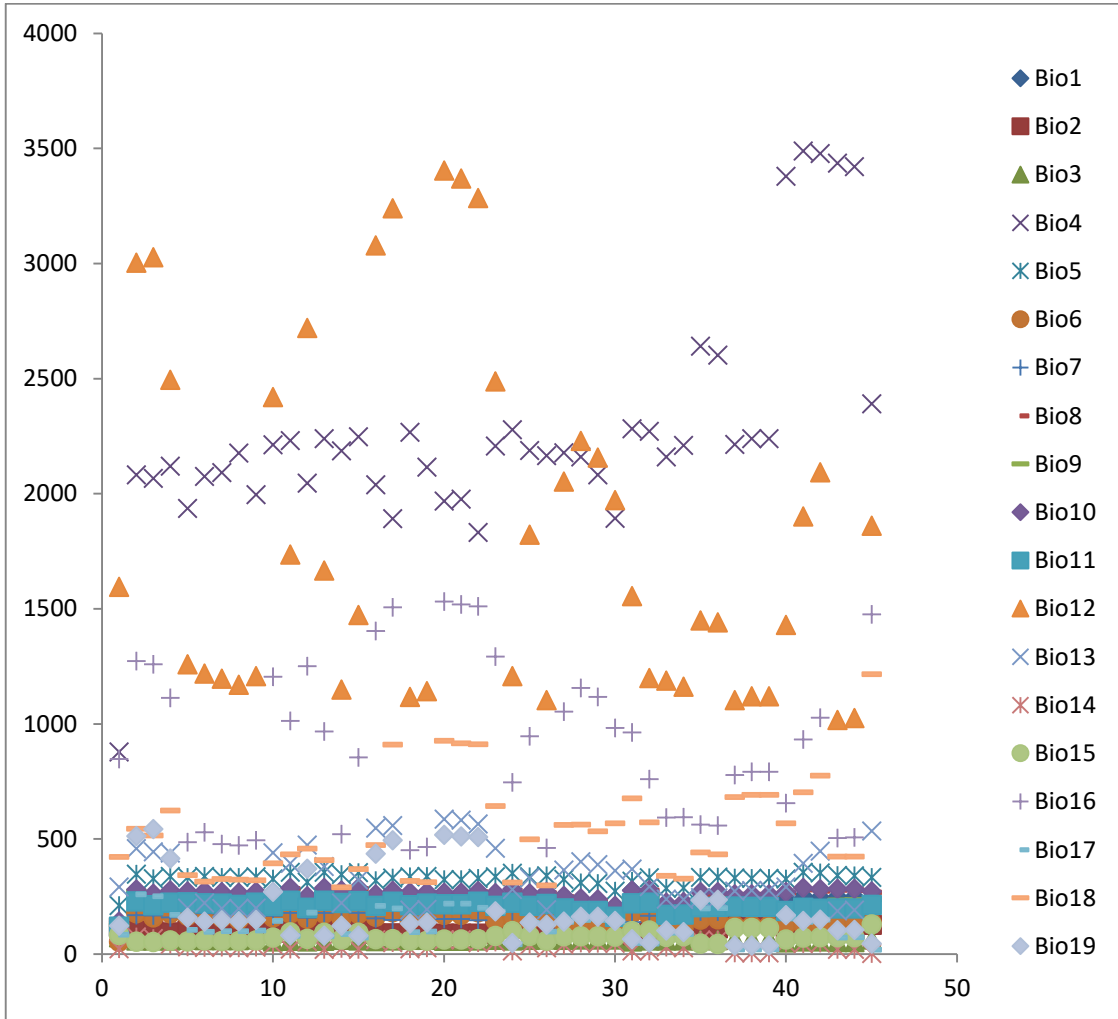
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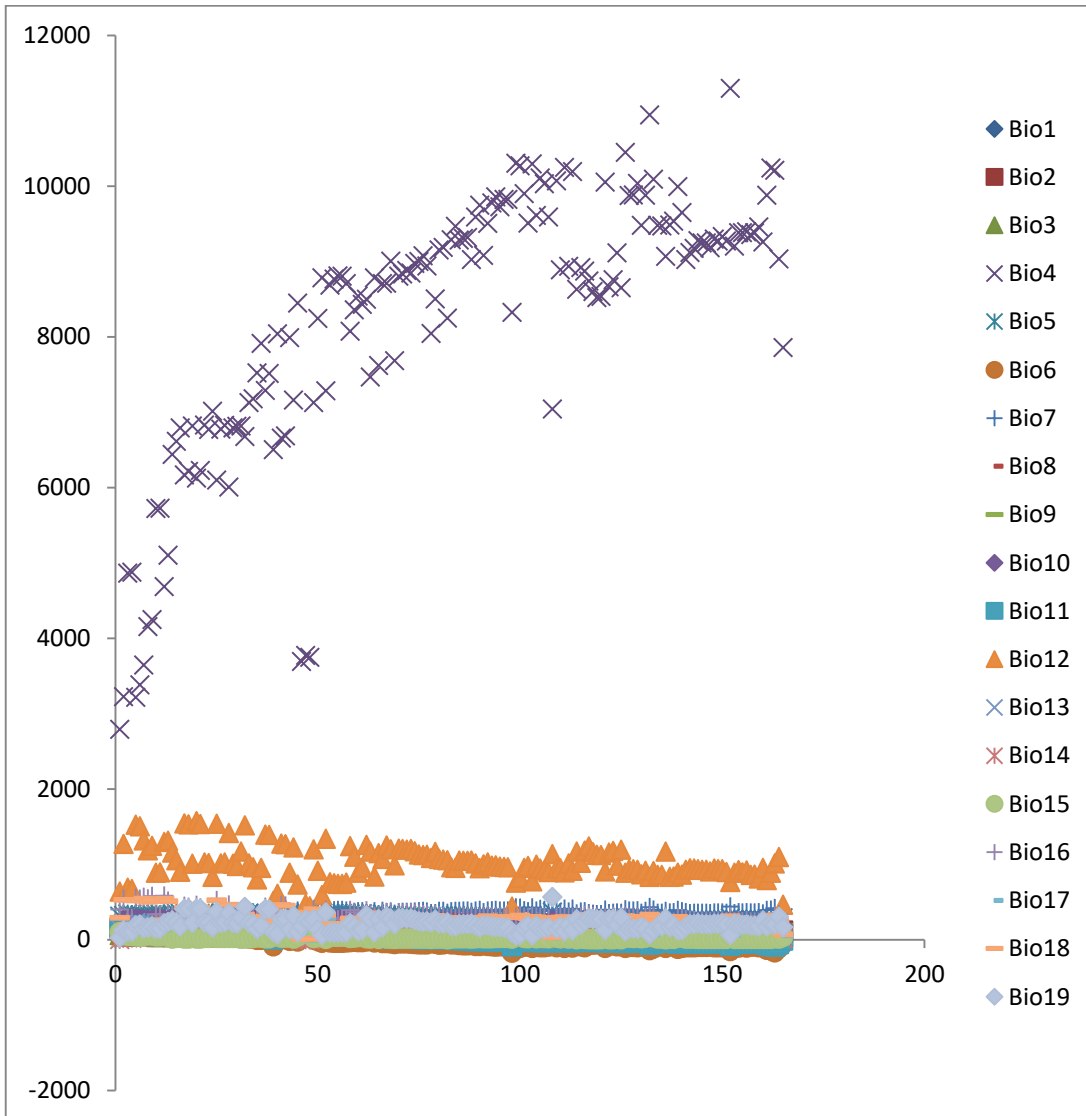
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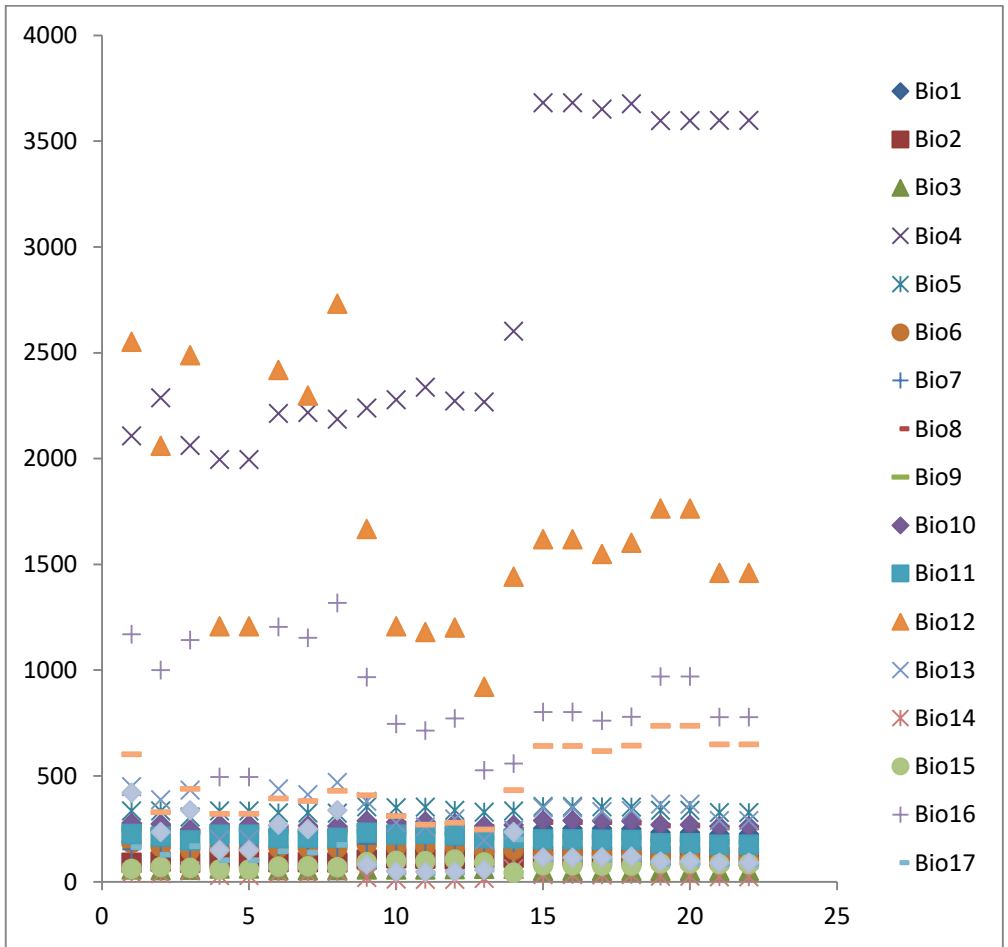
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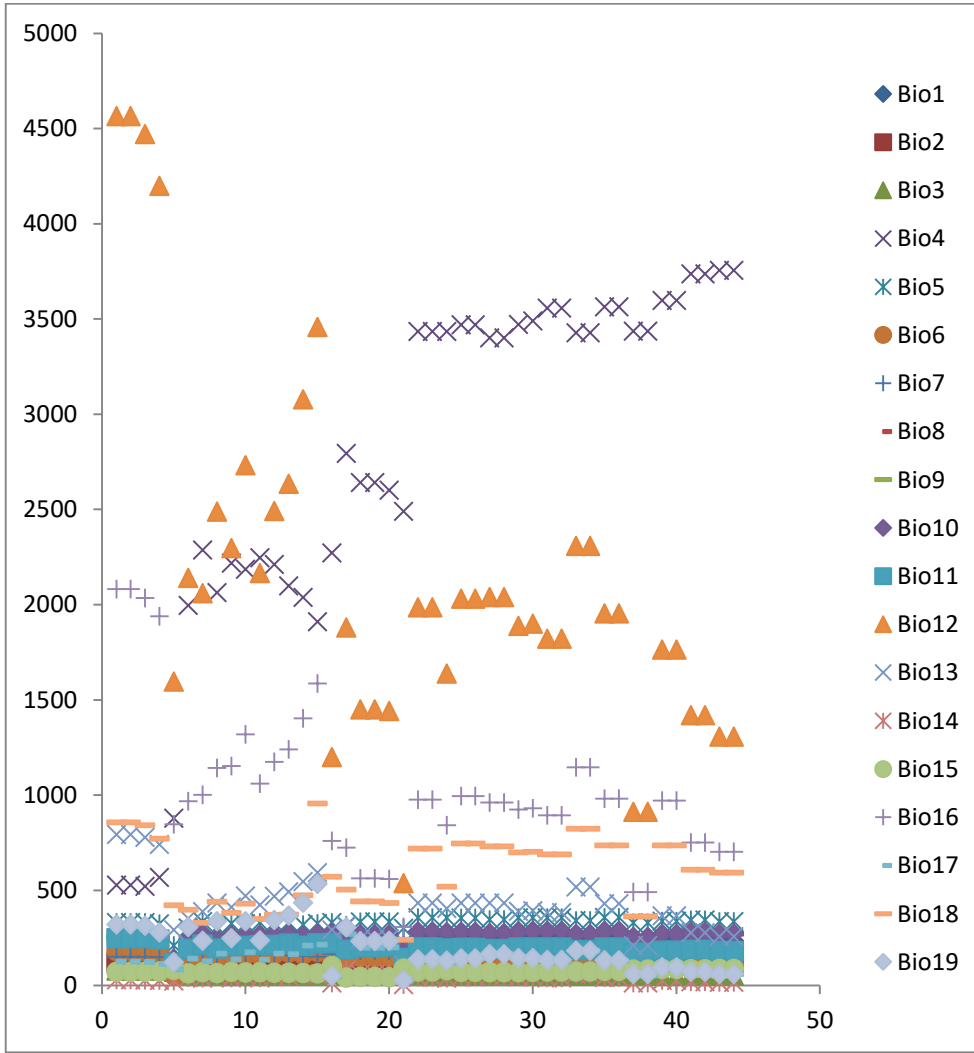
Perithemis_tener



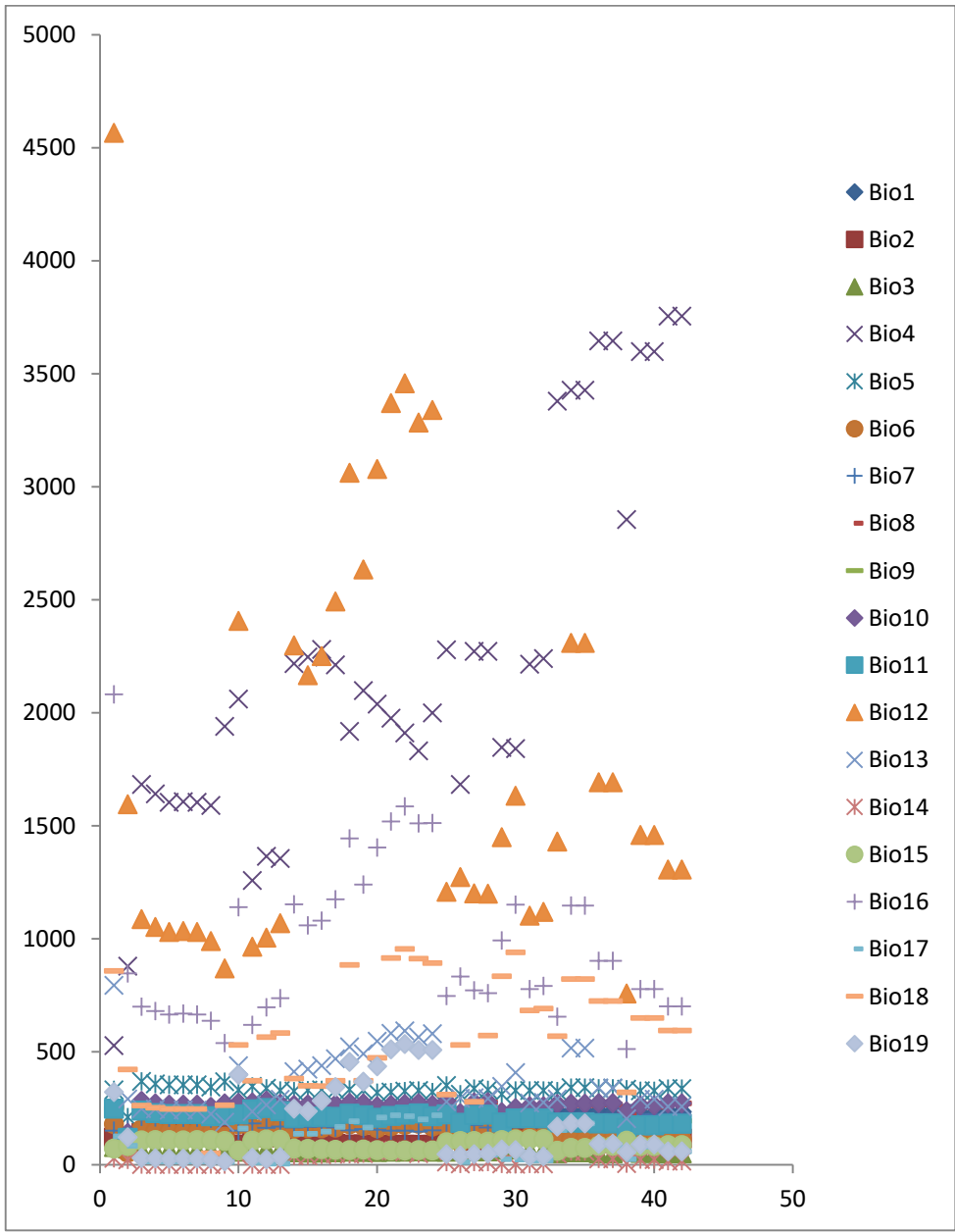
Phyllogomphoides_duodentatus



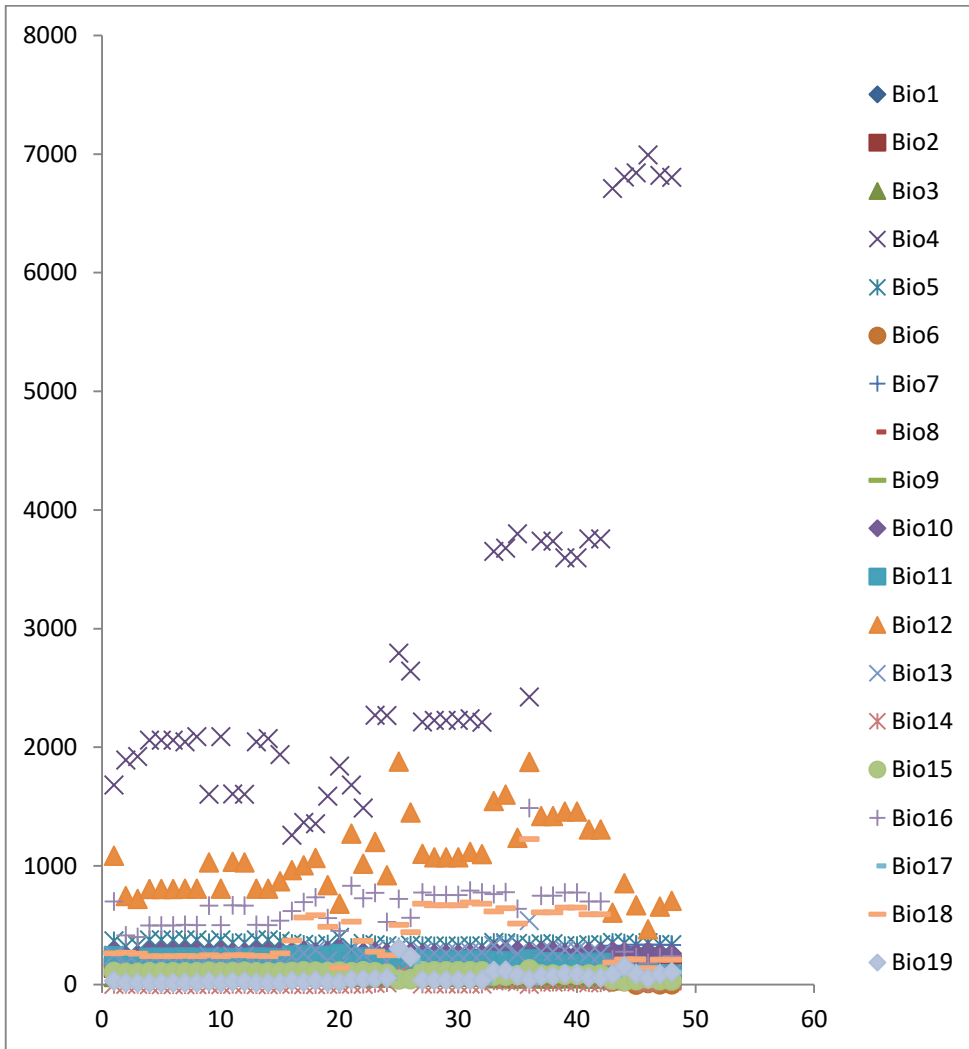
Phyllogomphoides_suasus



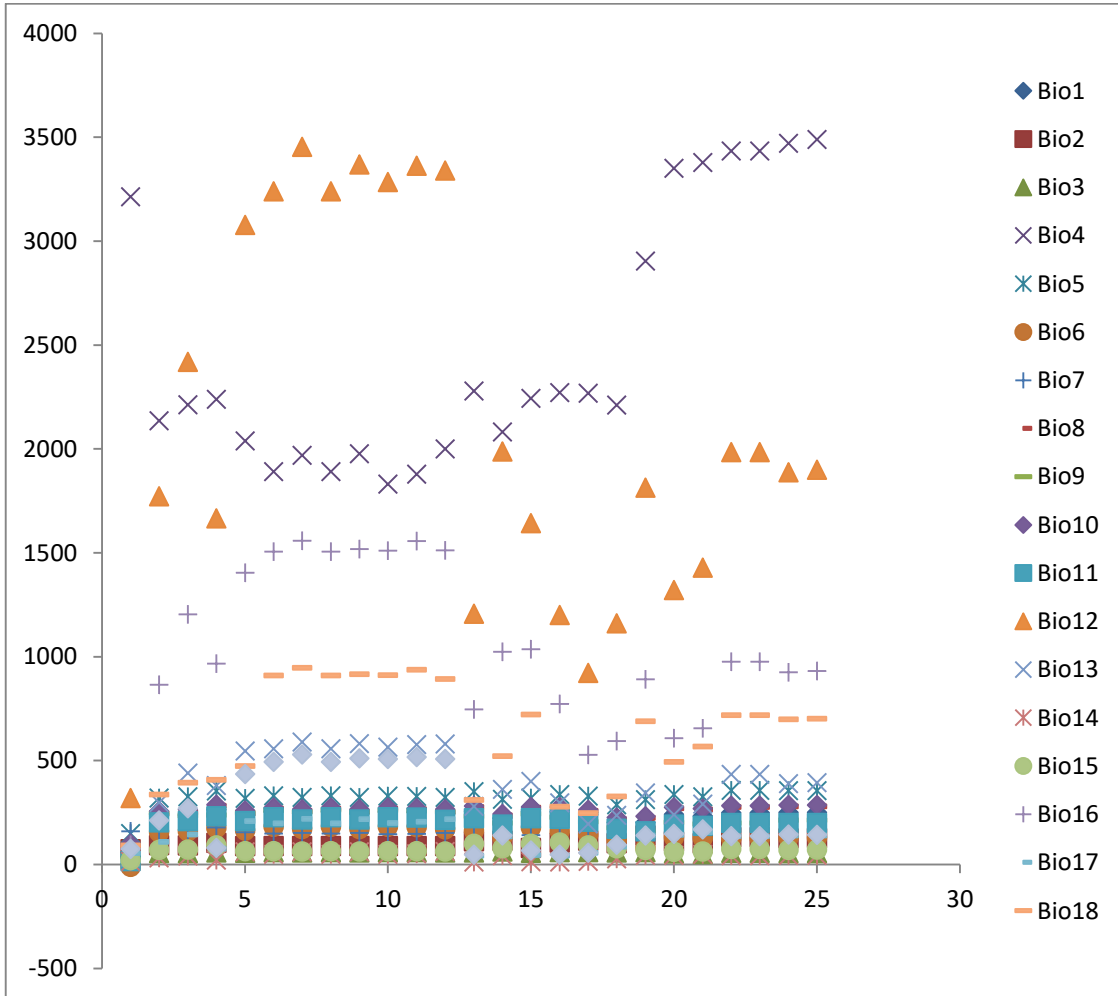
Progomphus_clendoni



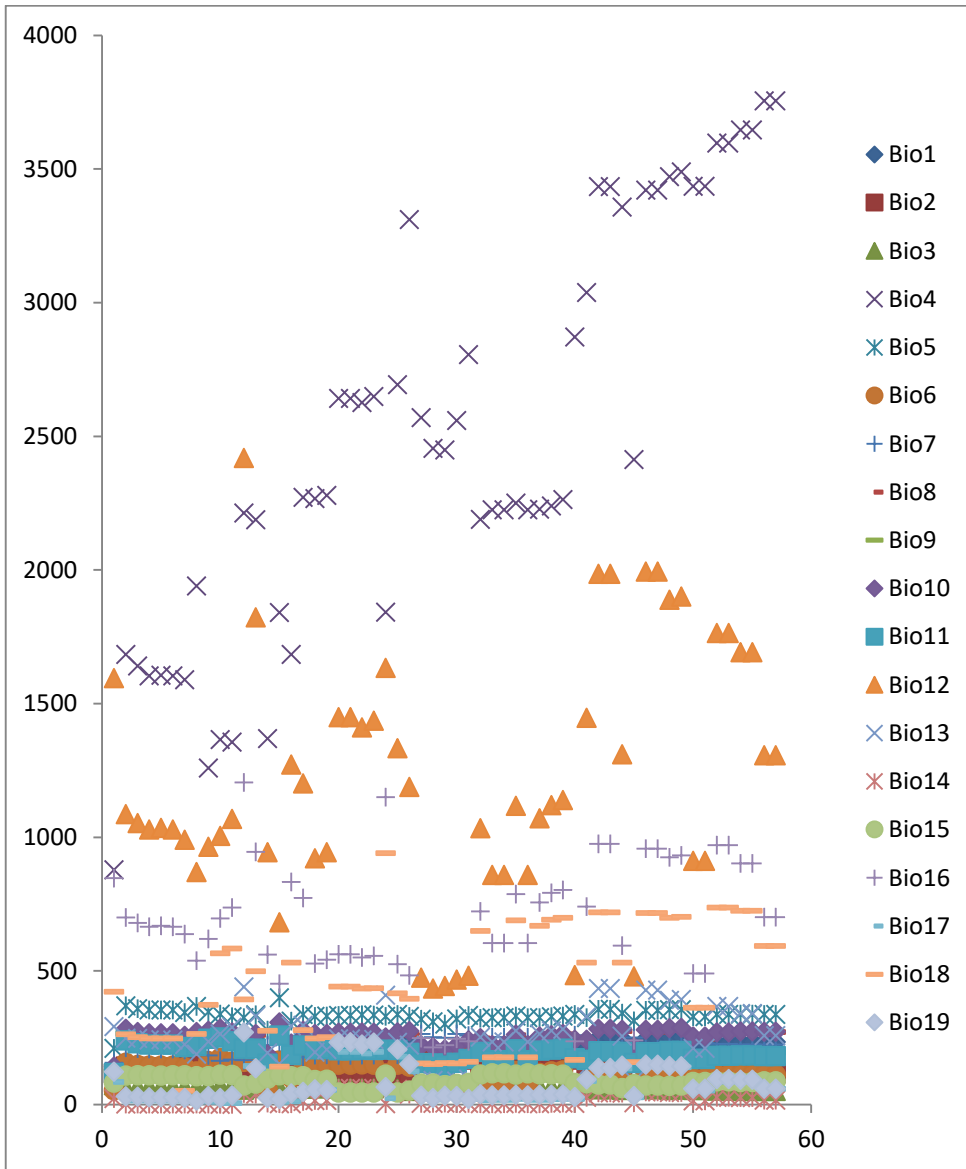
Protoneura_cara



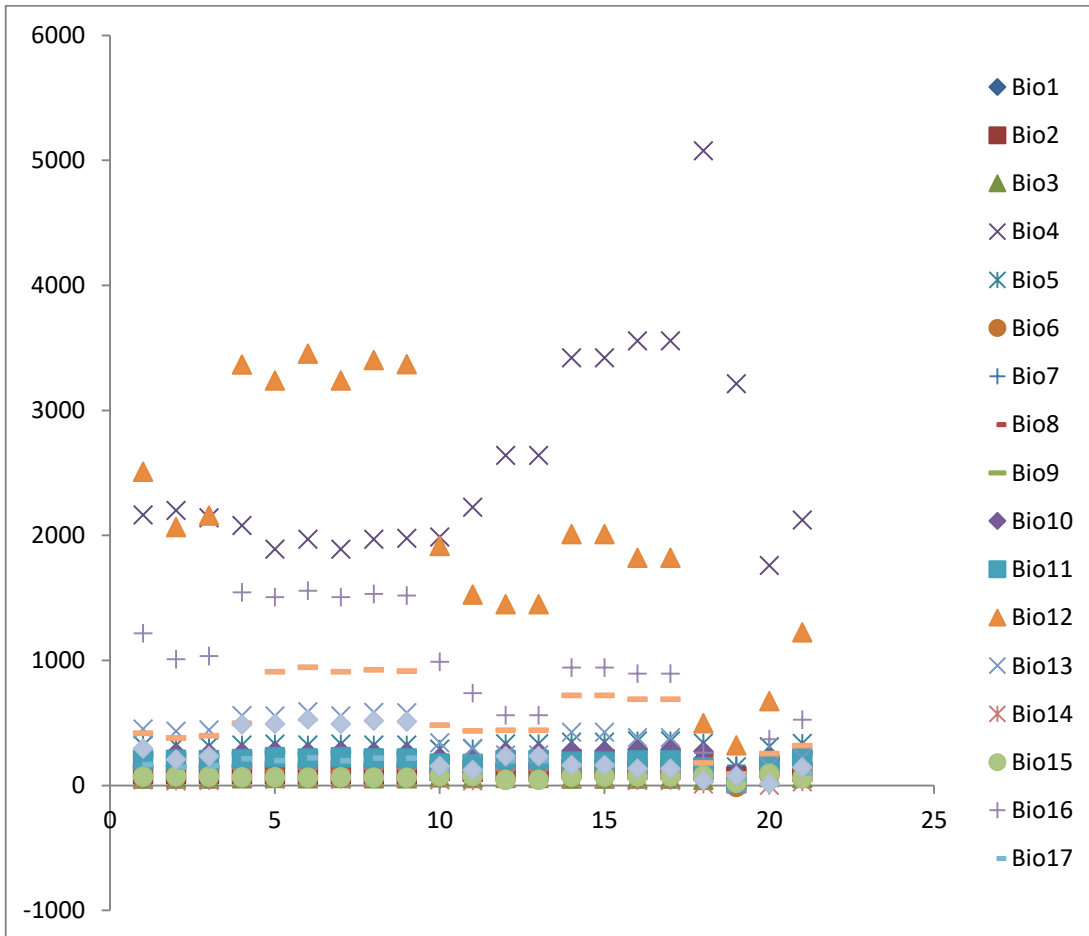
Protoneura_cupida



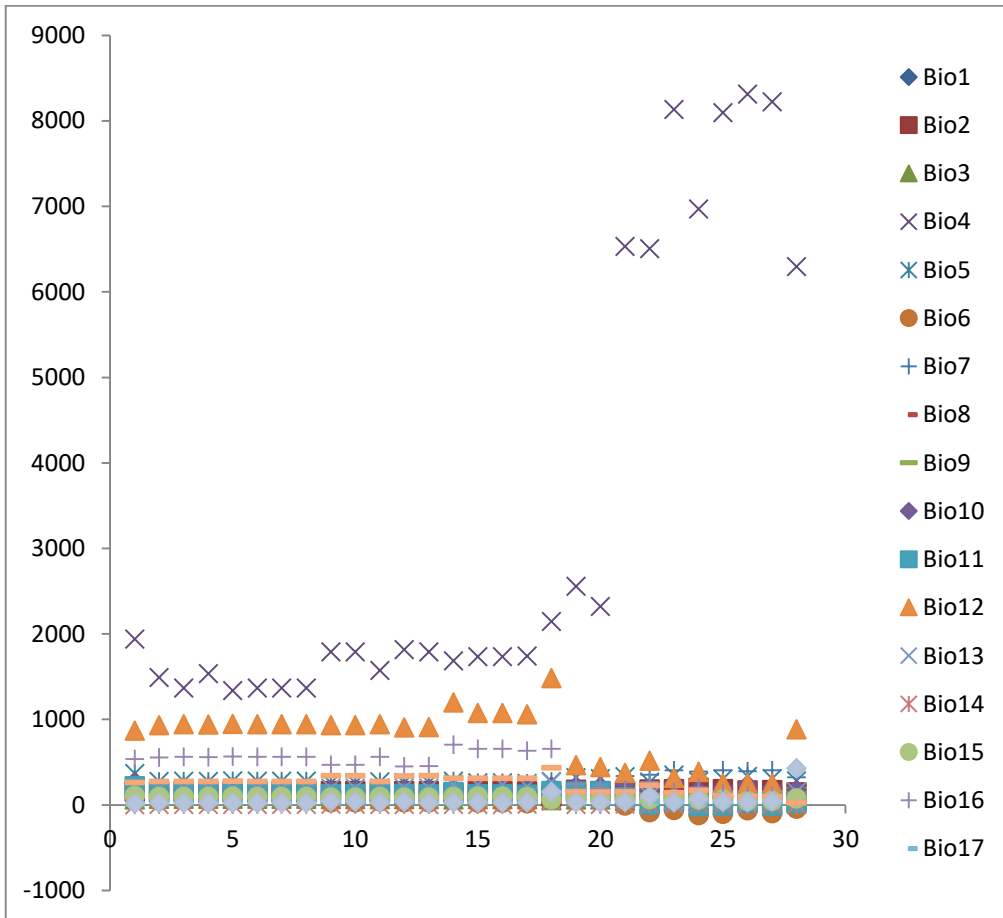
Pseudoleon_superbus



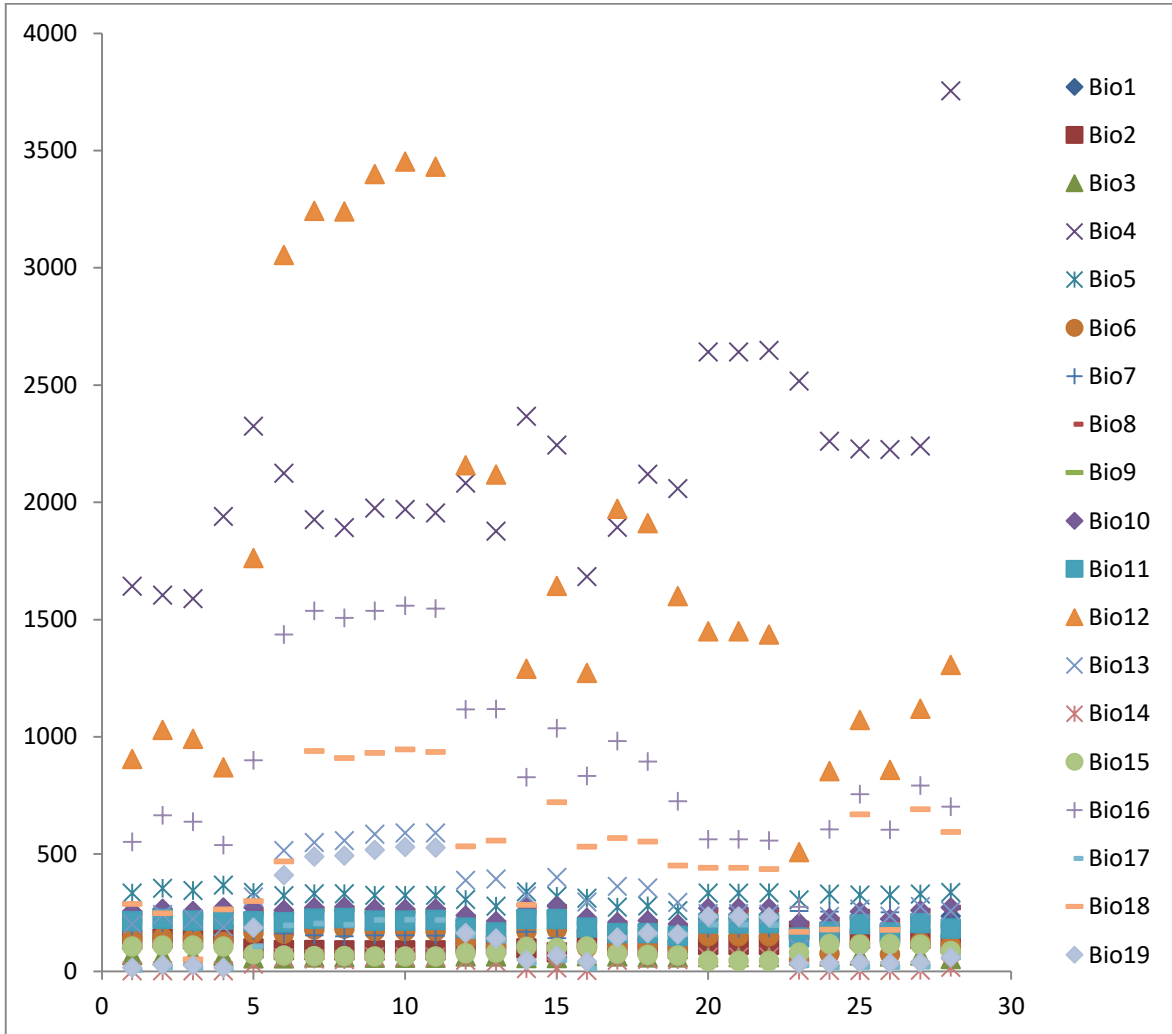
Pseudostigma_aberrans



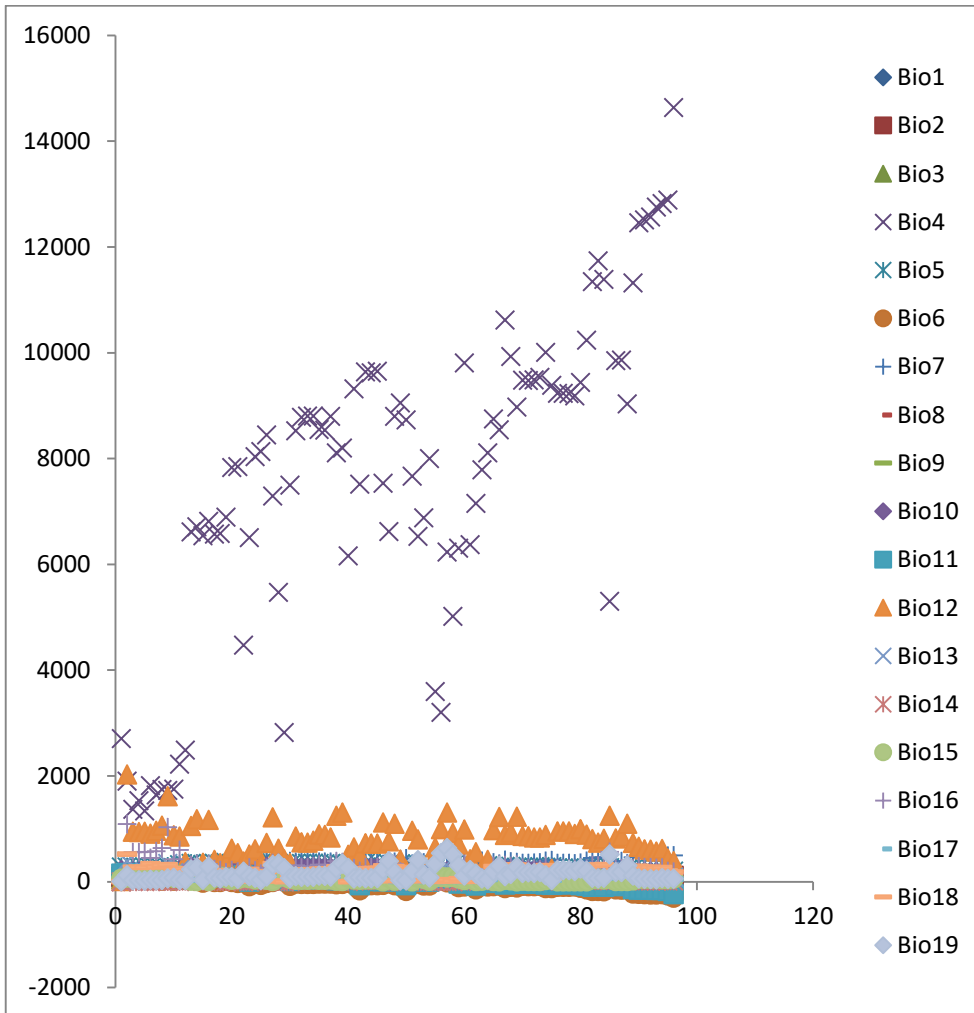
Rhionaeschna_multicolor



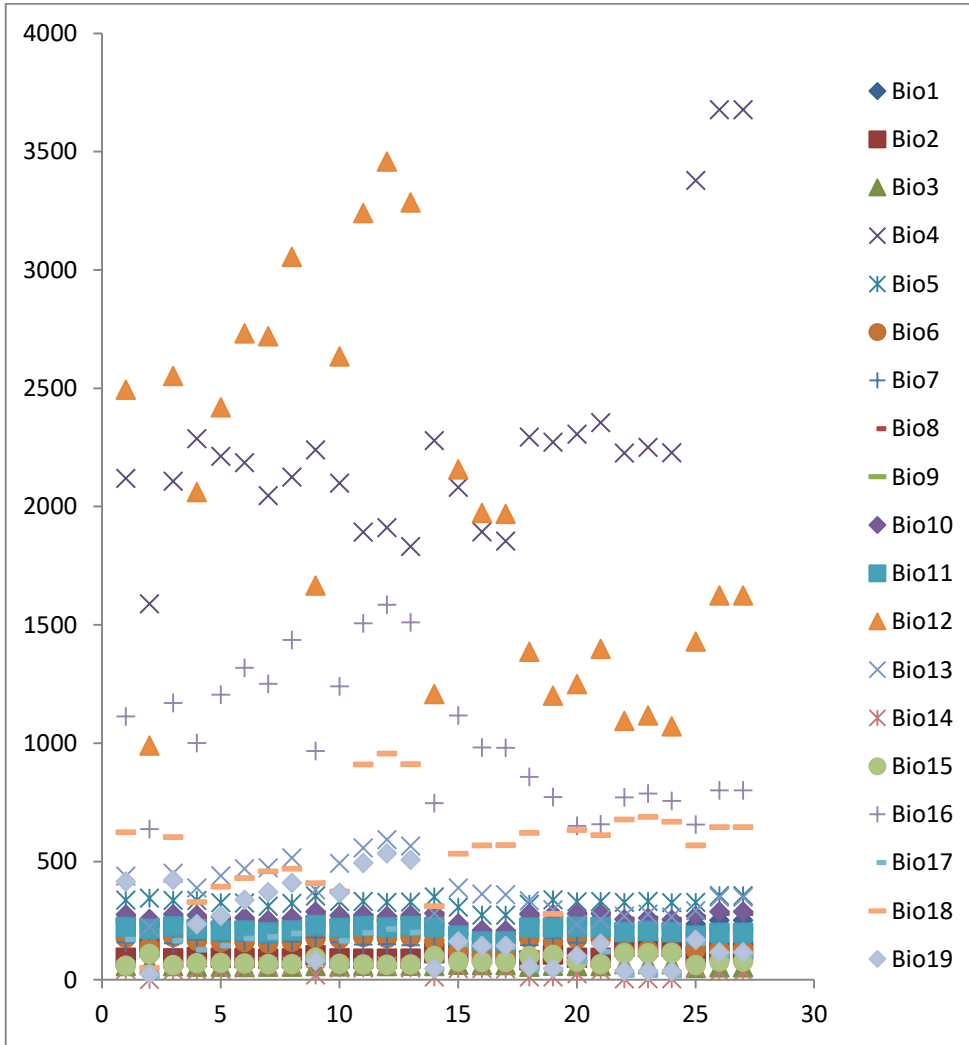
Rhionaeschna_psilus



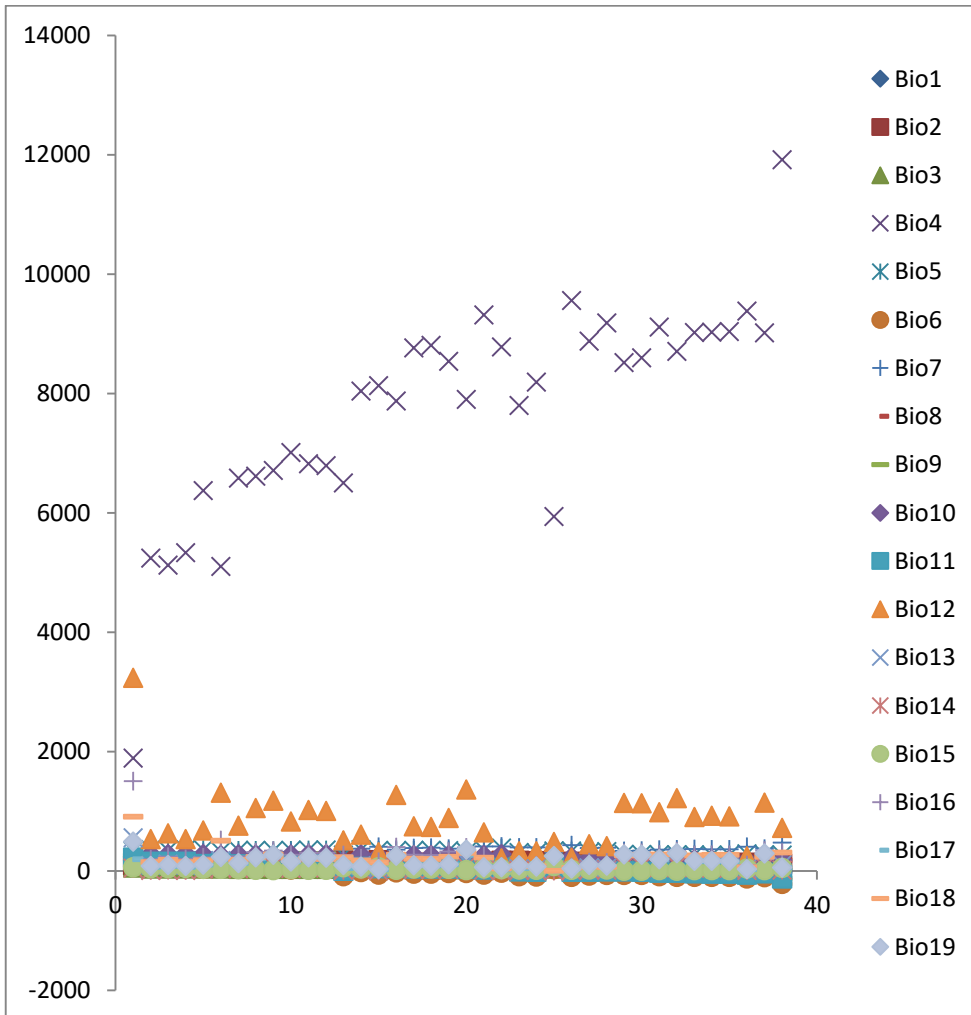
Sympetrum_corruptum



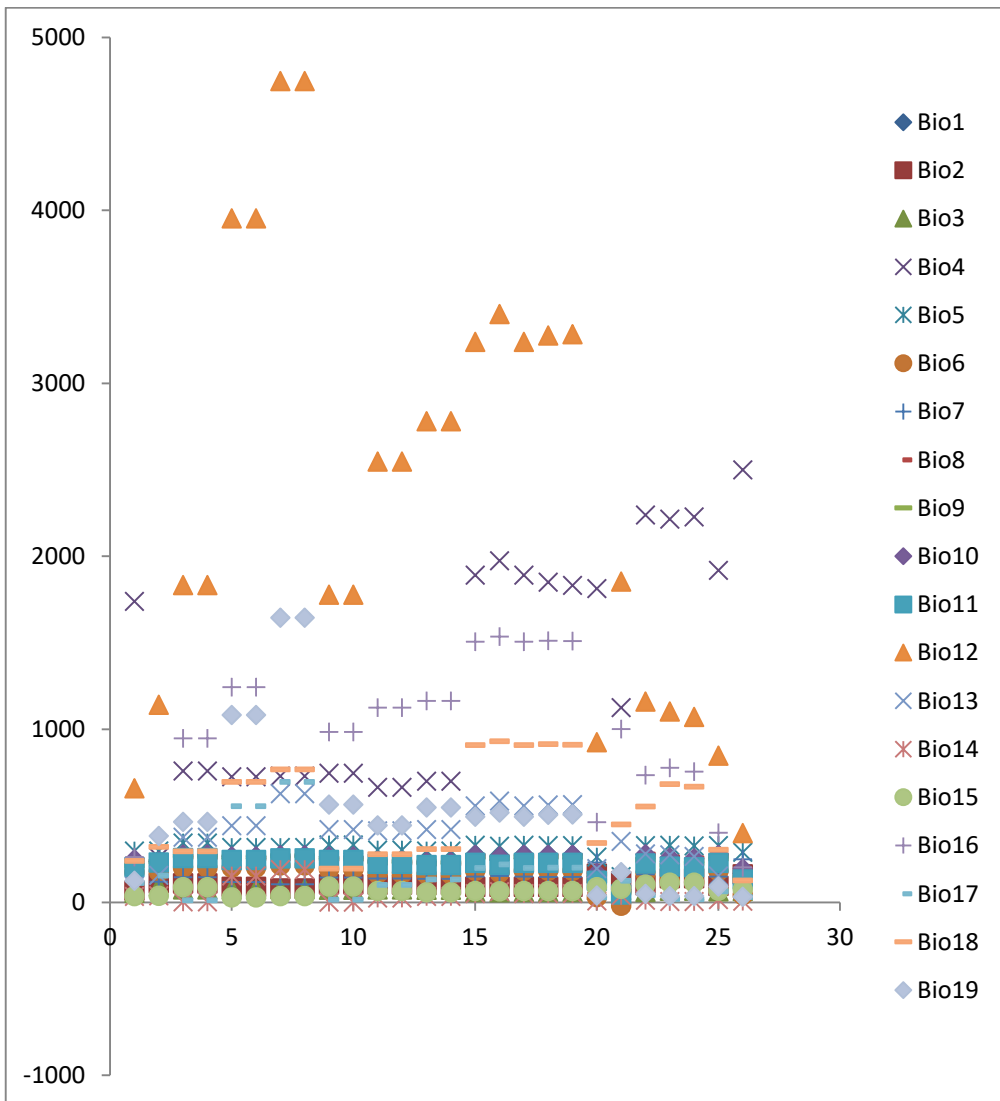
Tauriphila_azteca



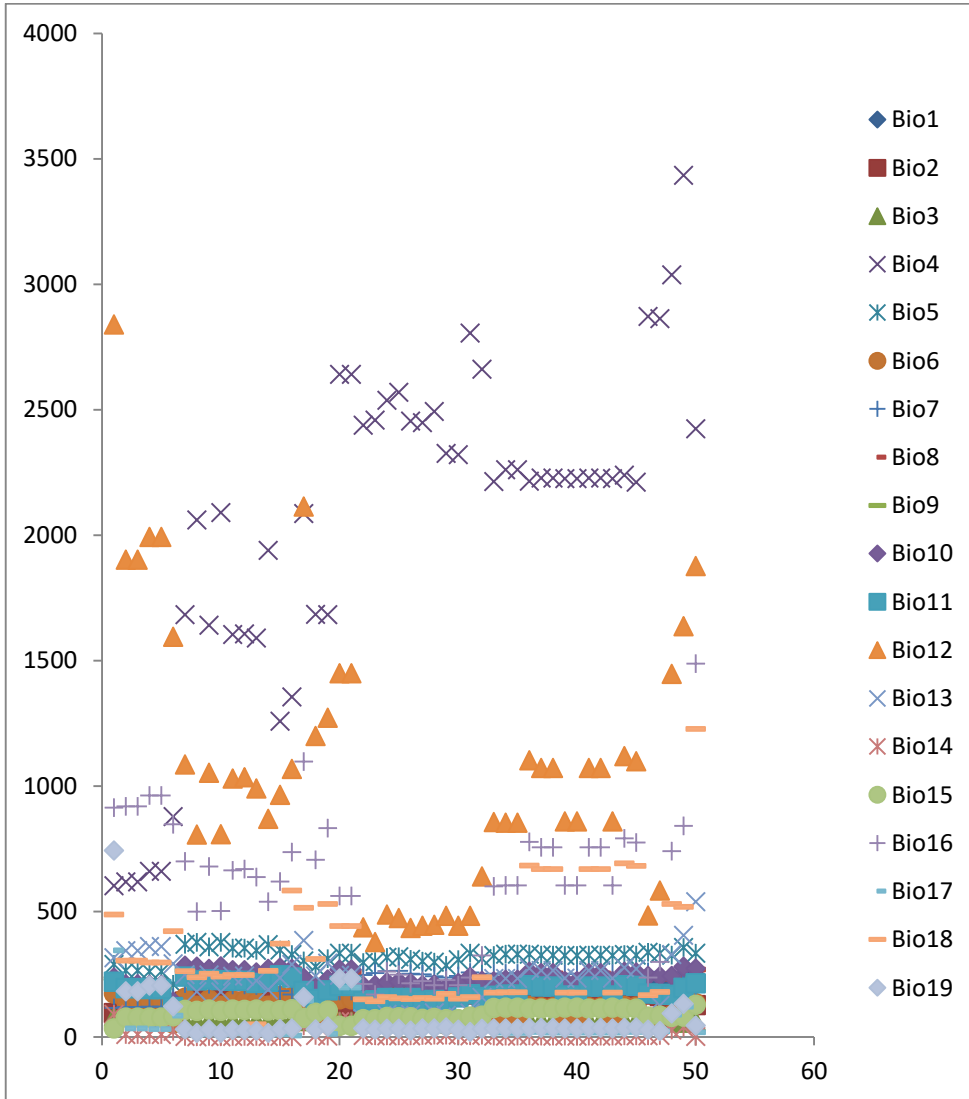
Tramea_lacerata



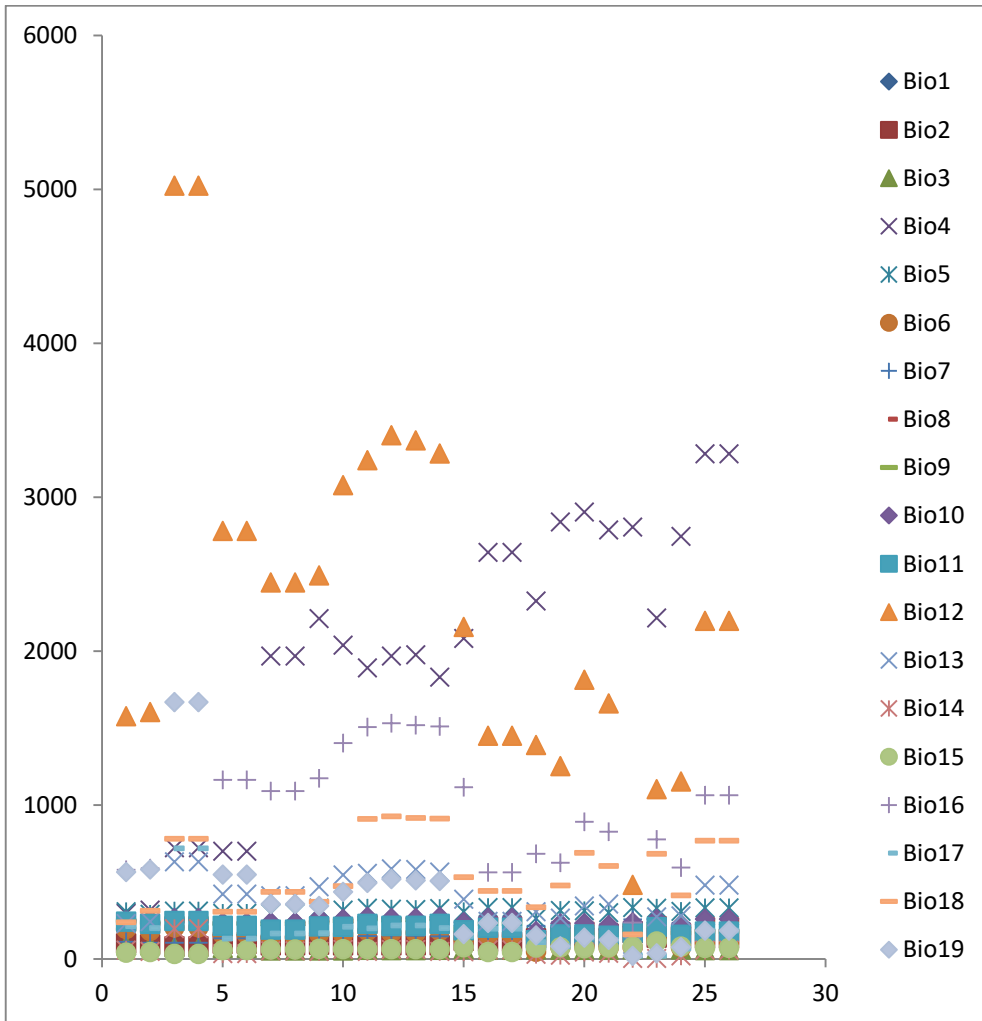
Anax_amazilli



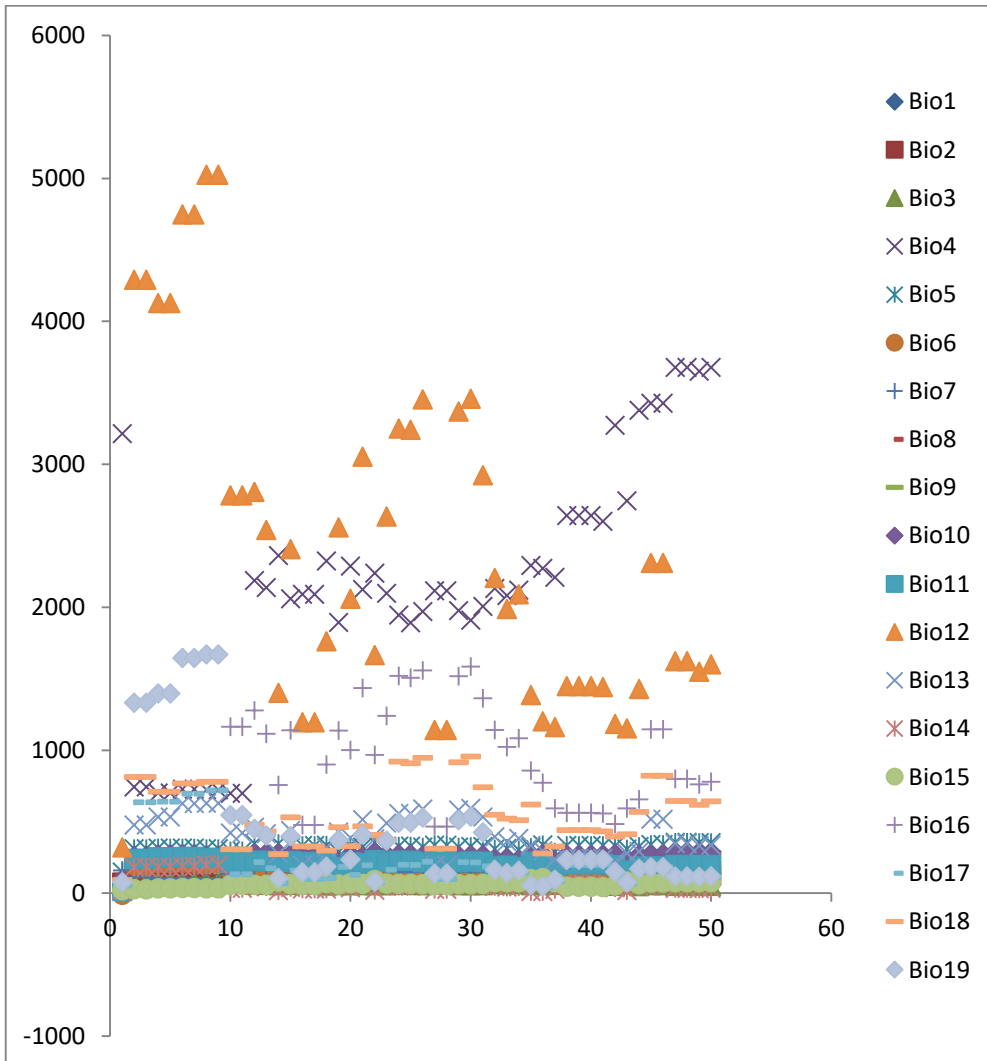
Argia_anceps



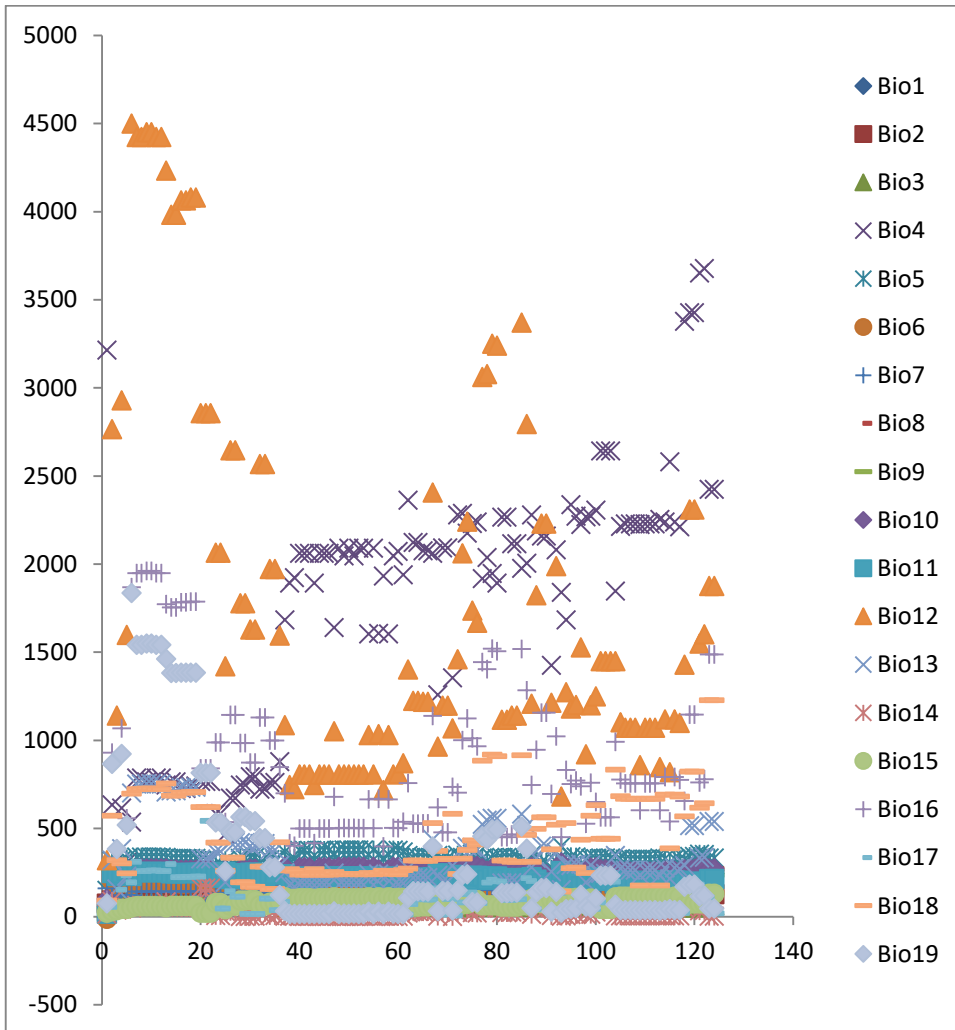
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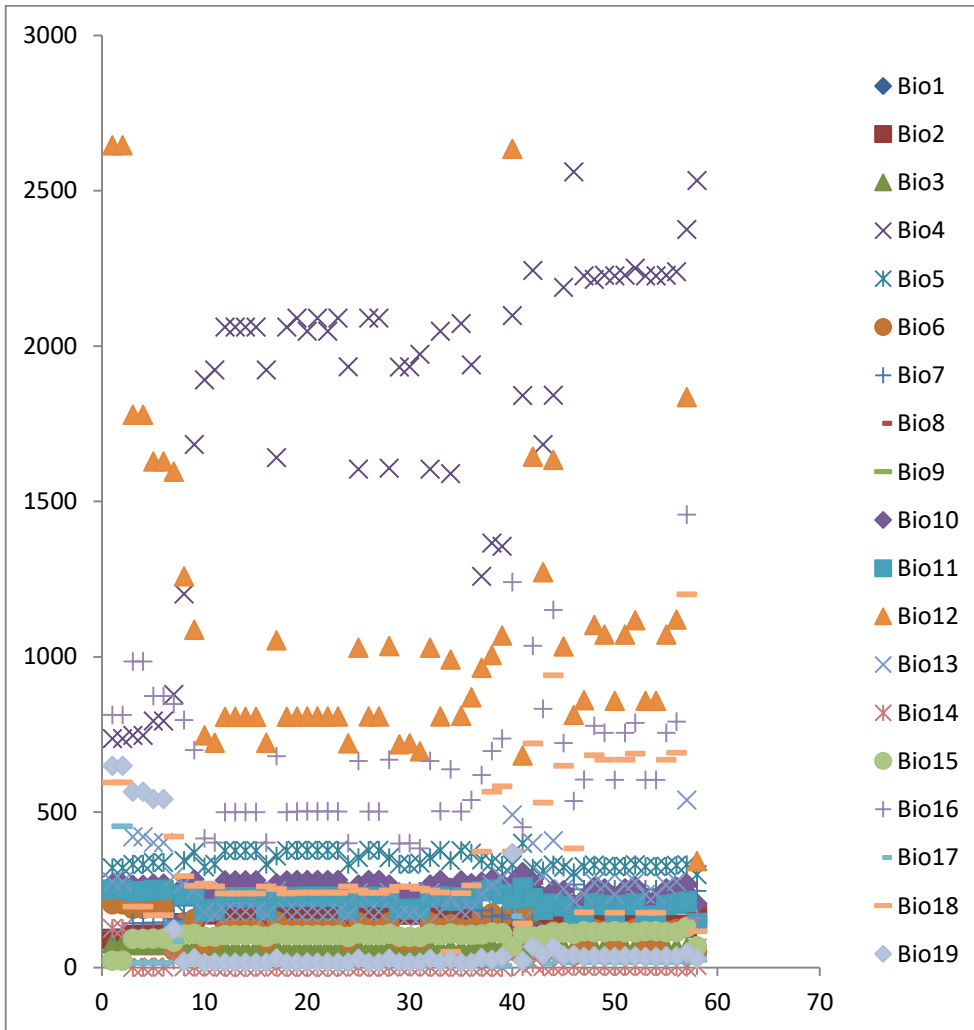
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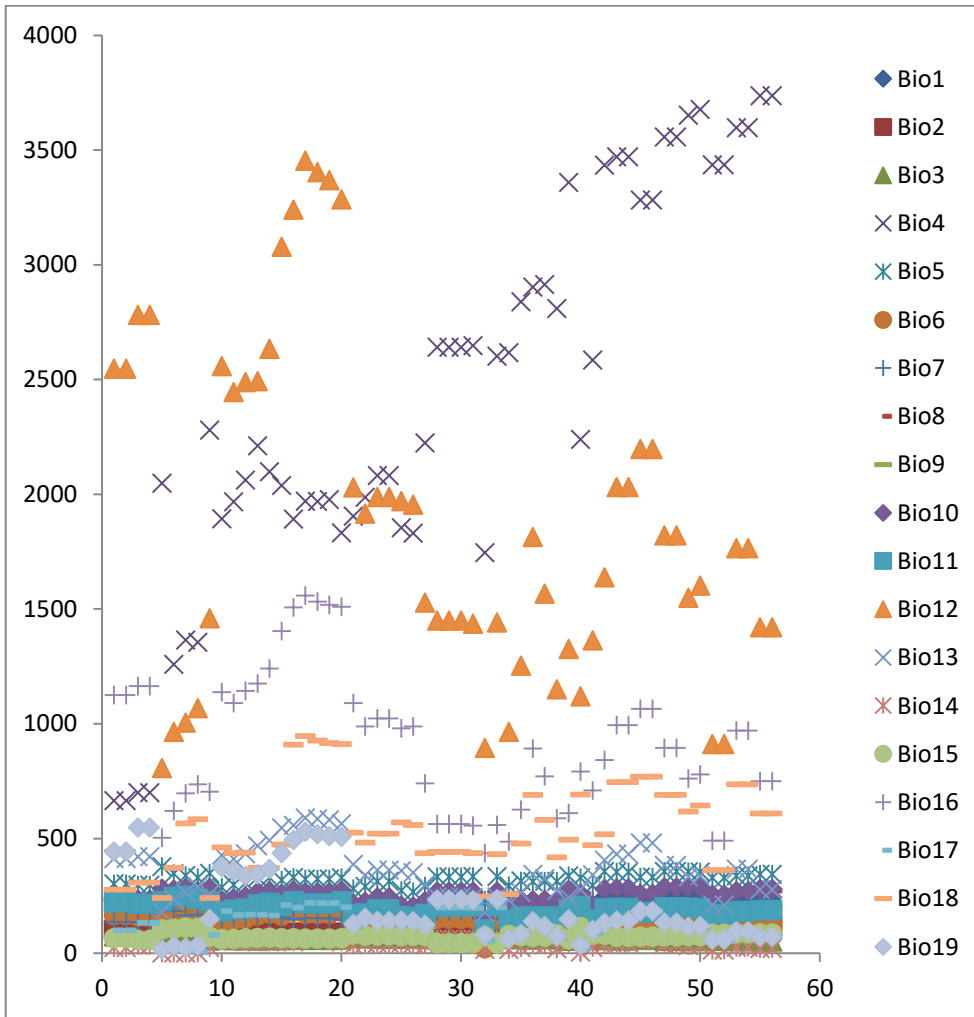
Argia_pulla



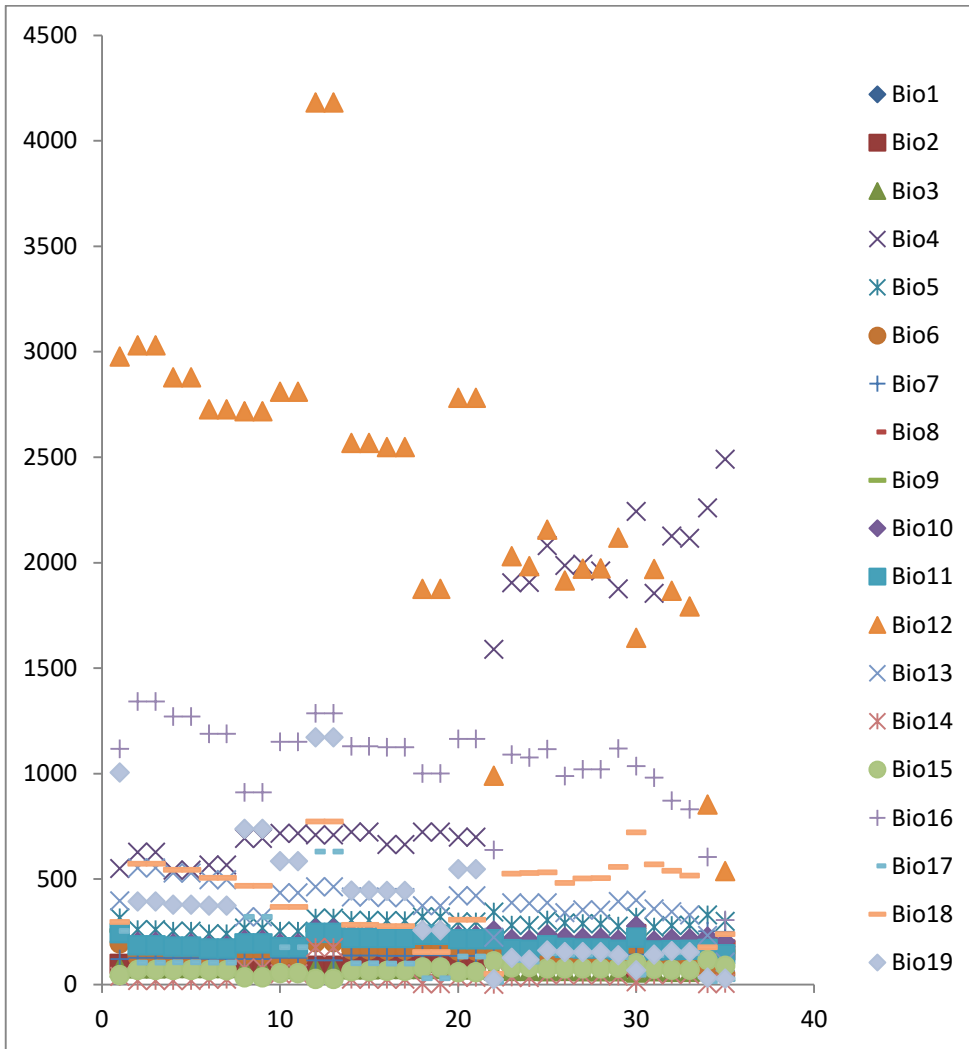
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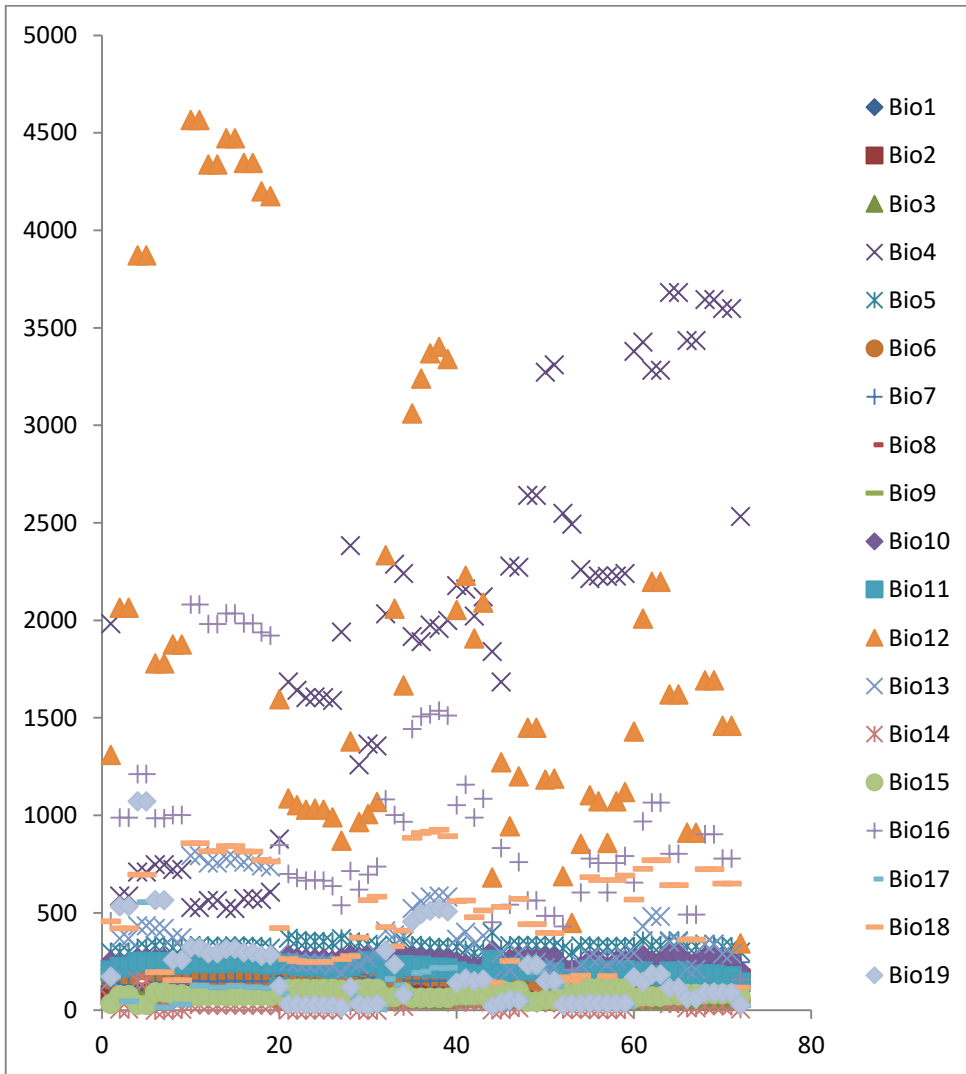
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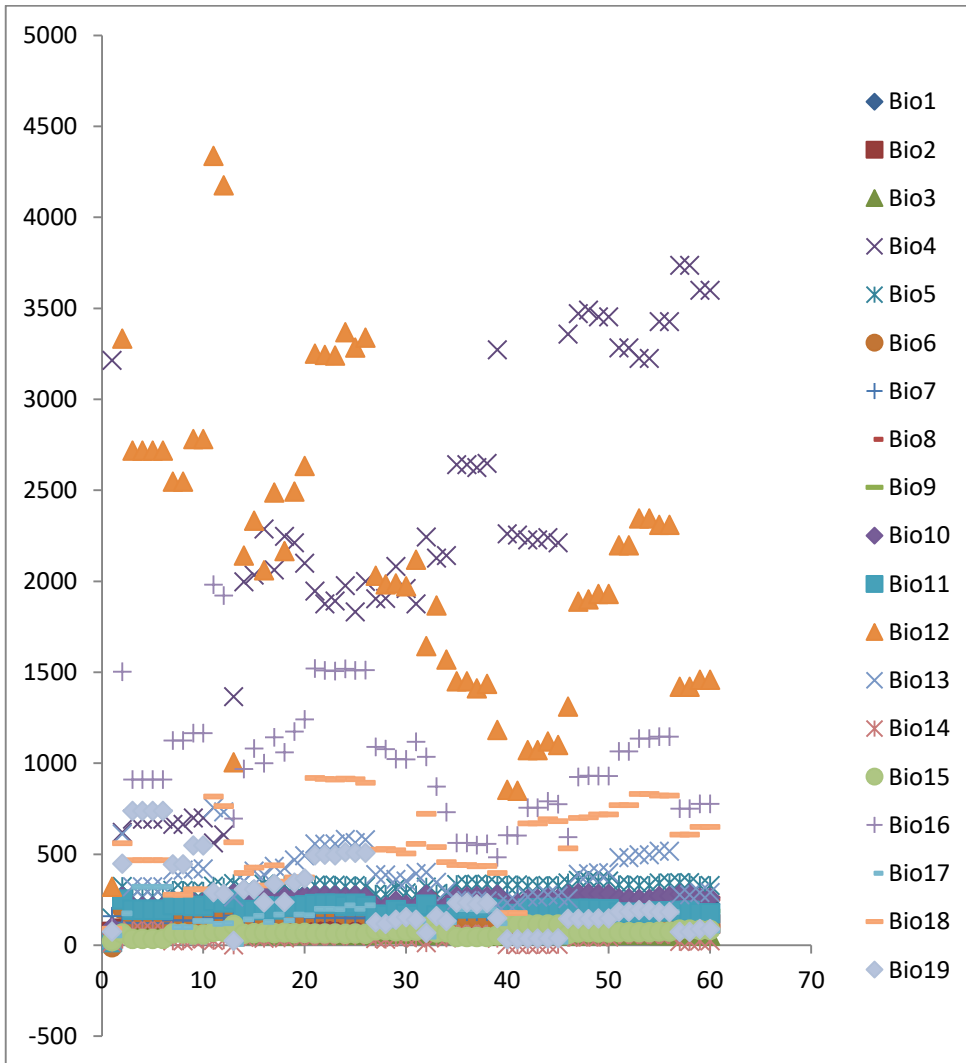
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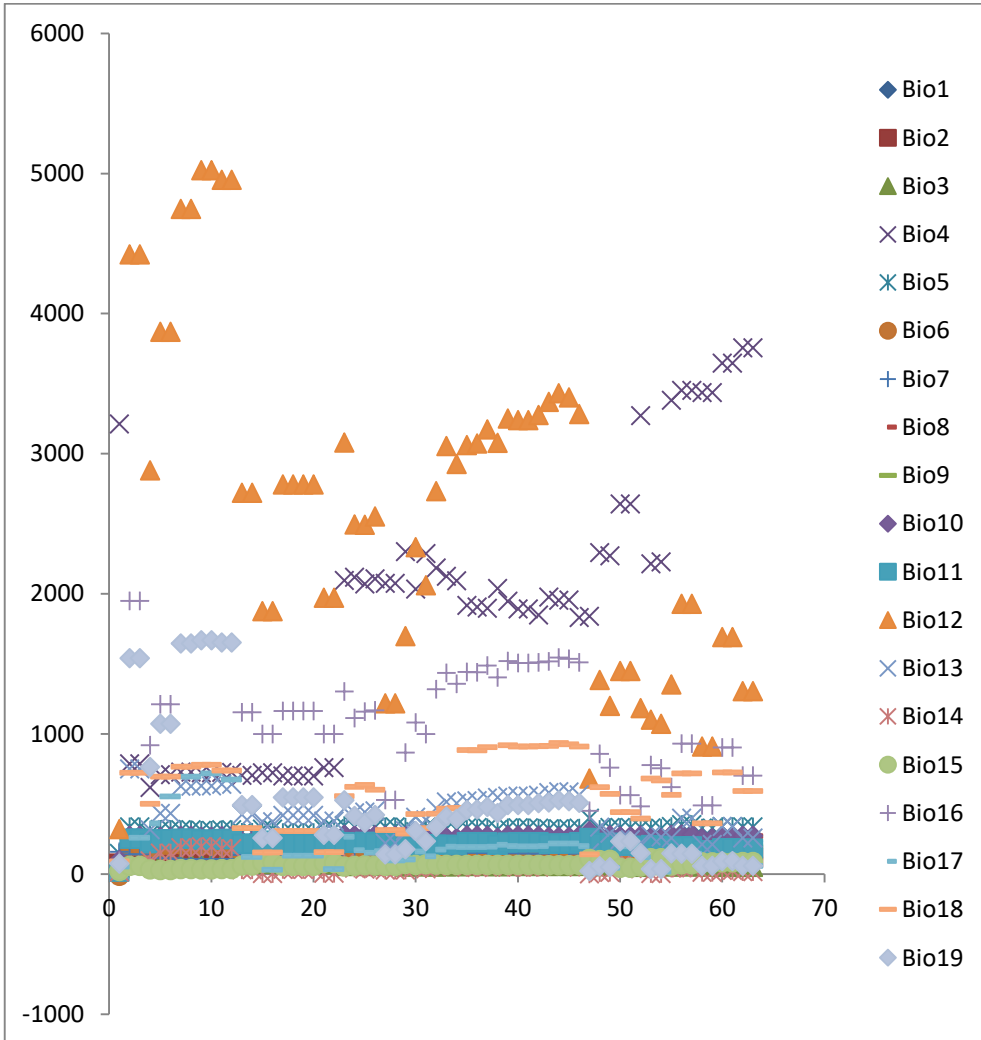
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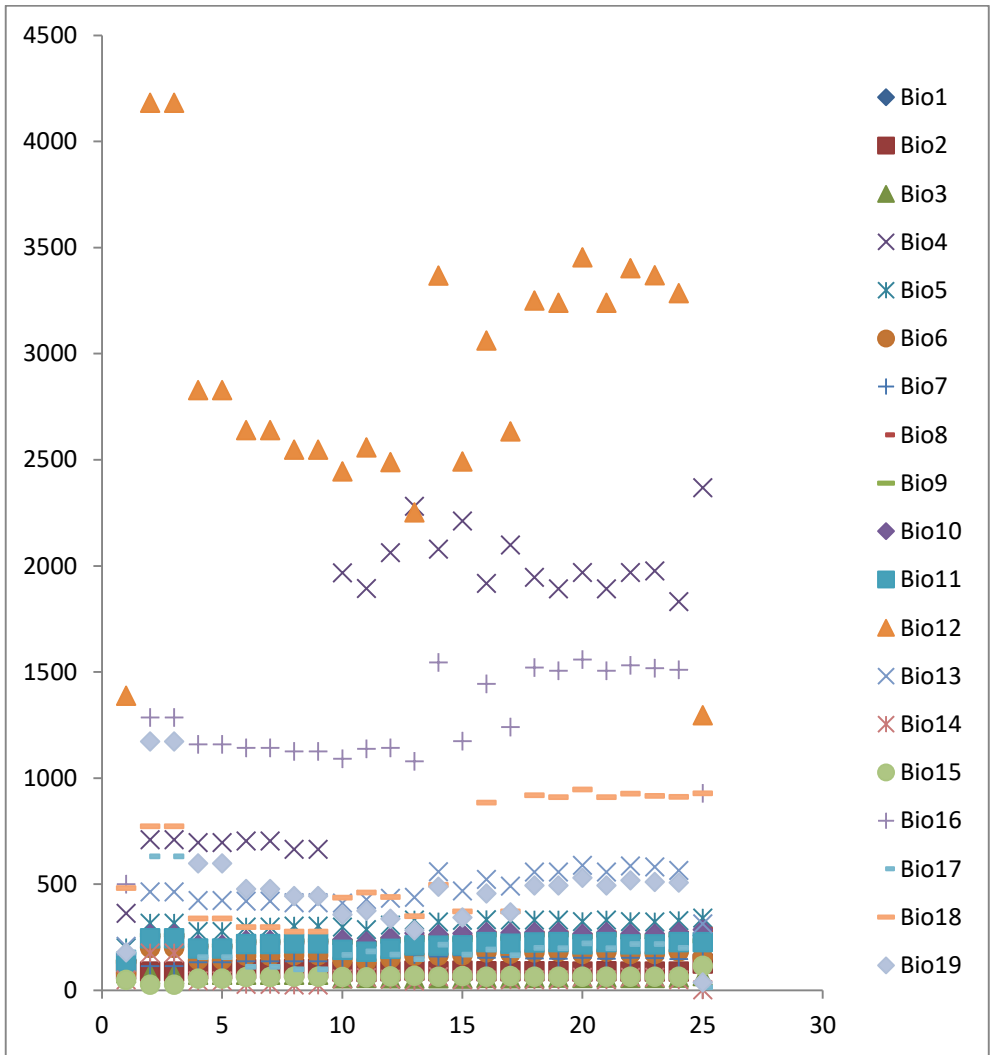
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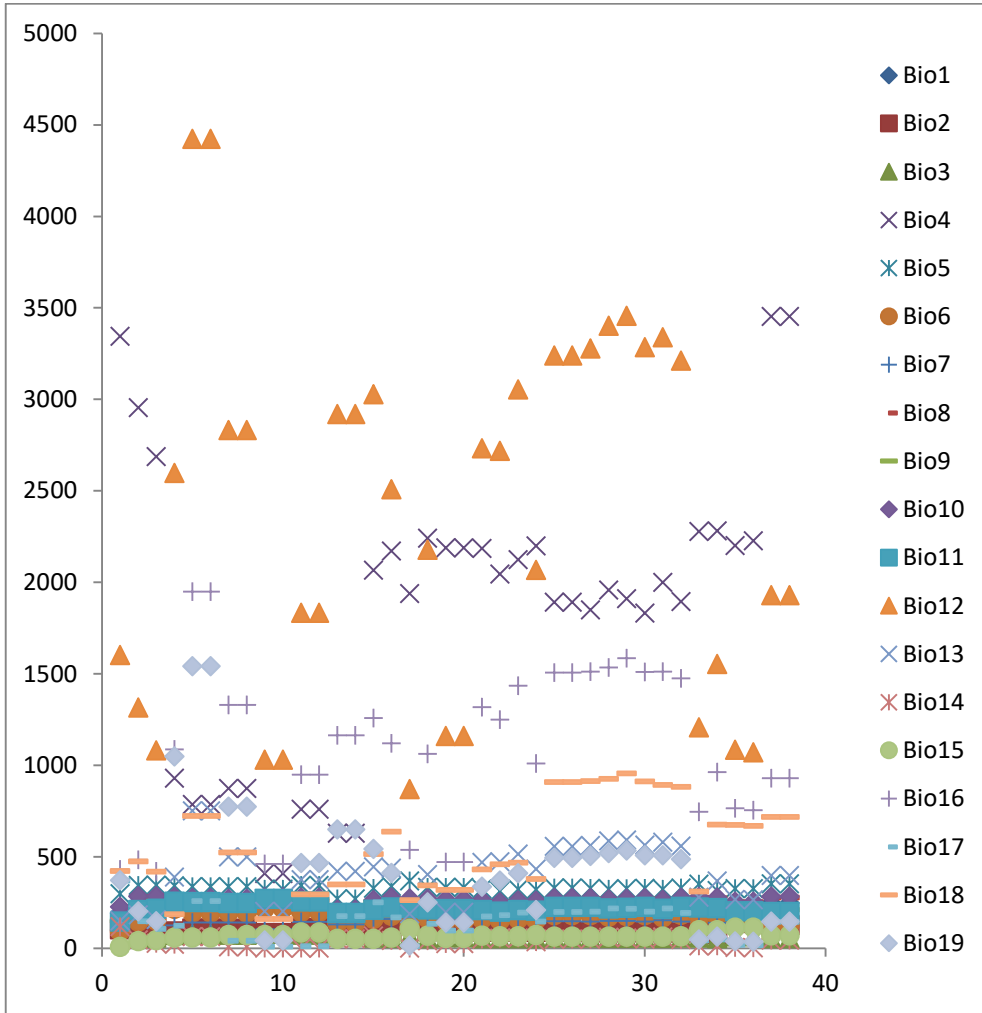
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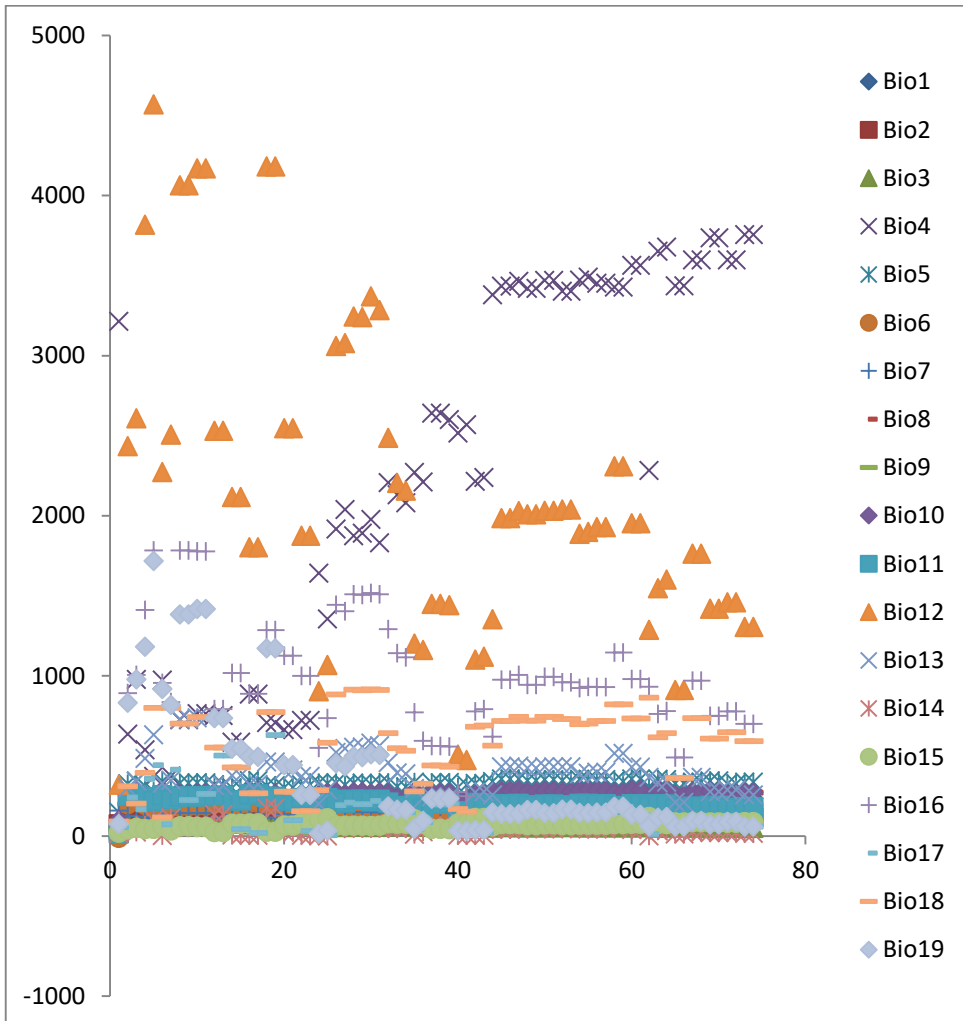
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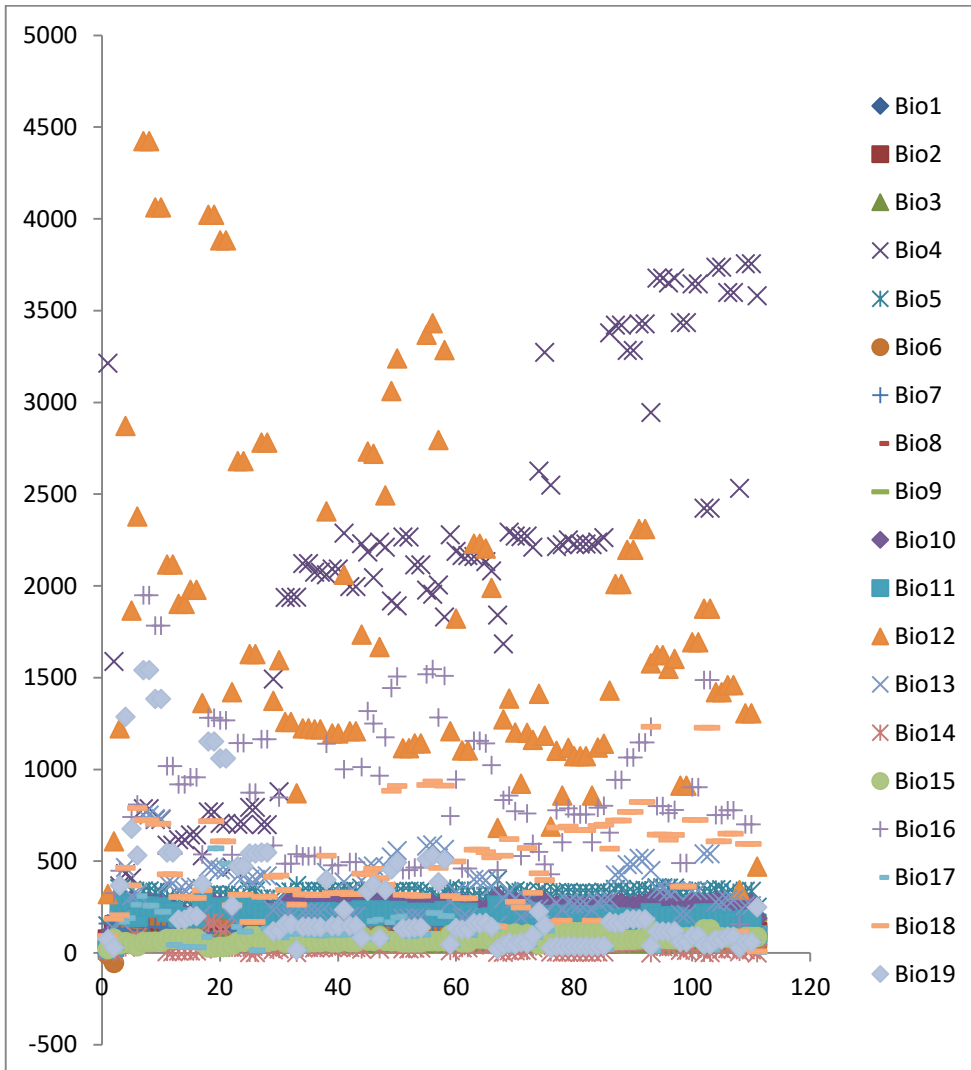
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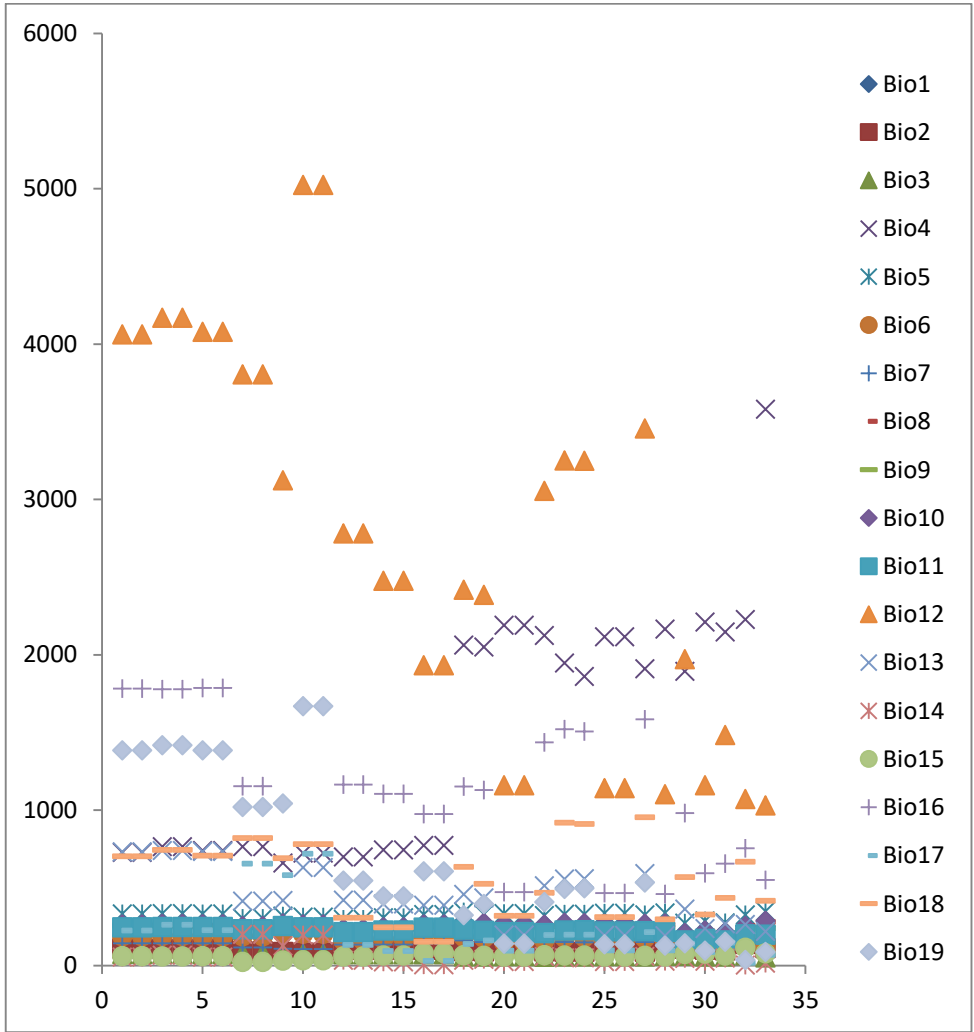
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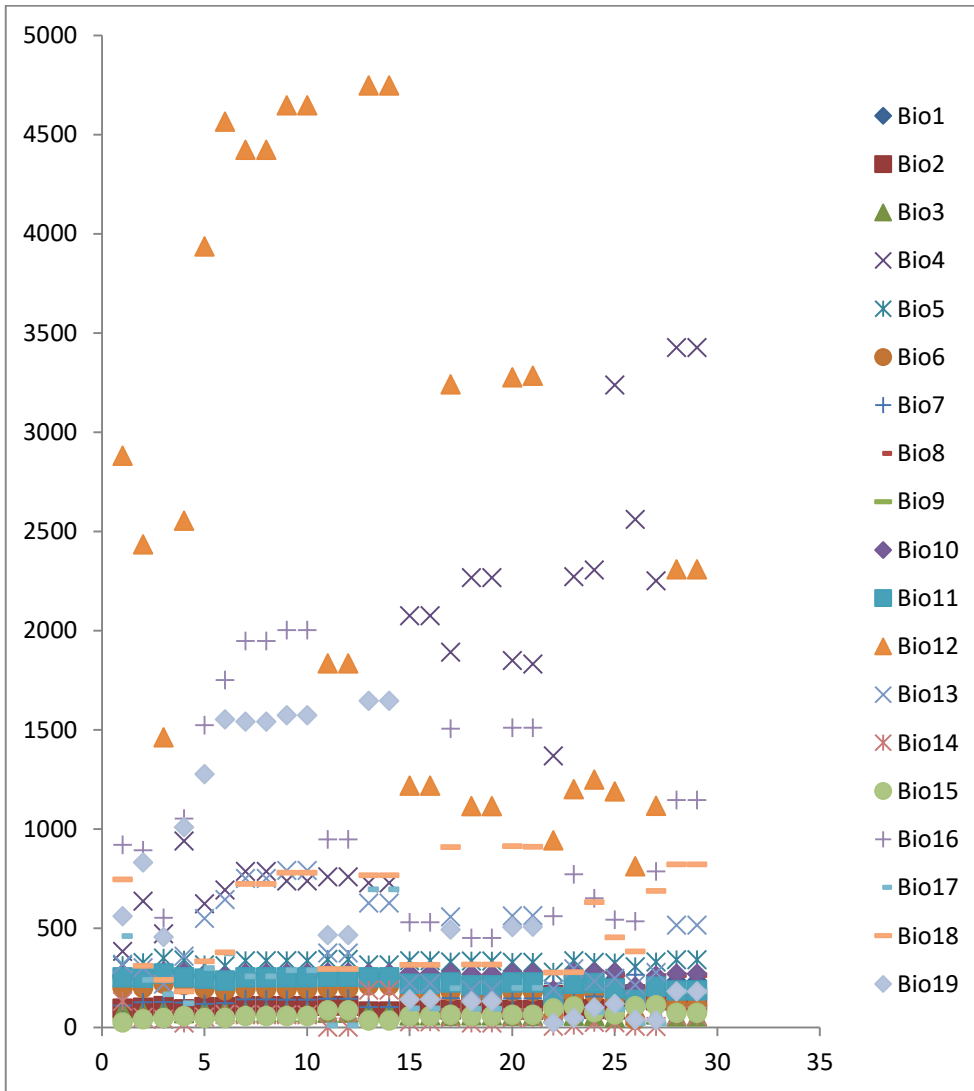
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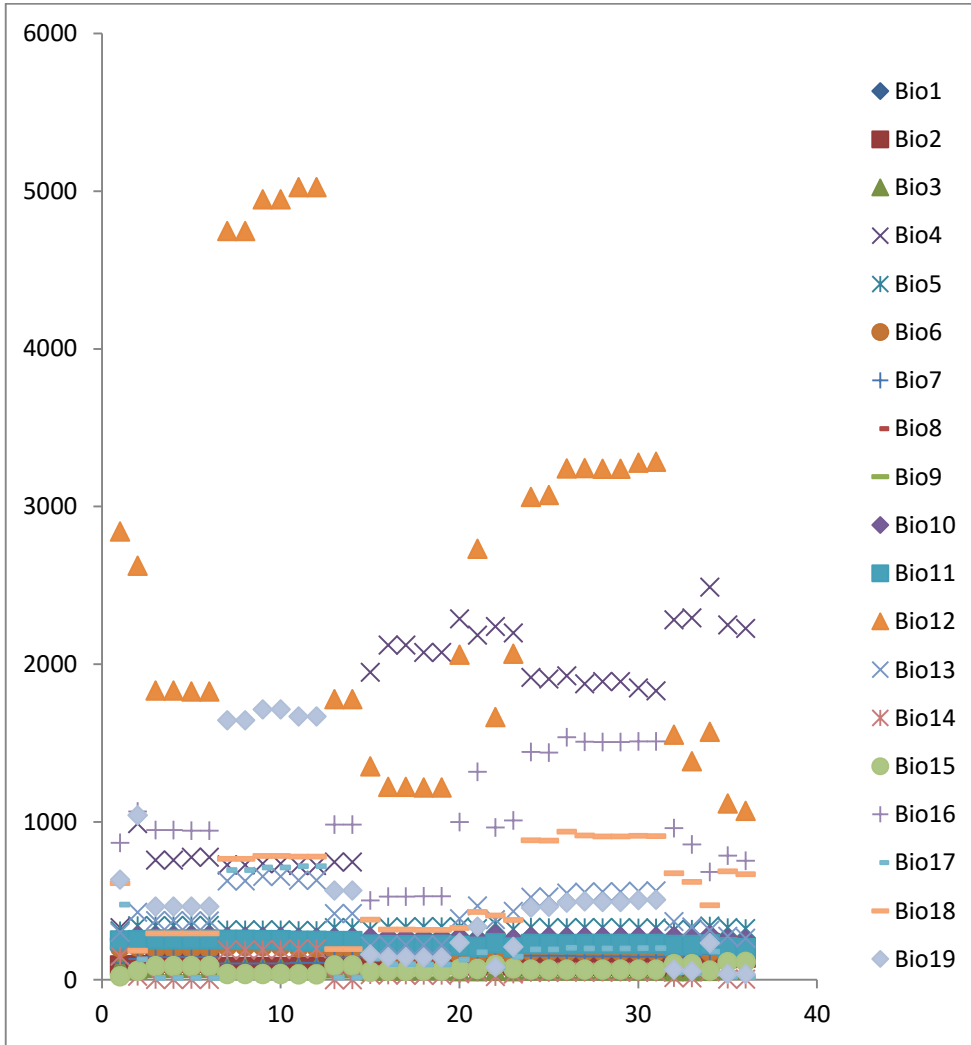
Telebasis_digiticollis



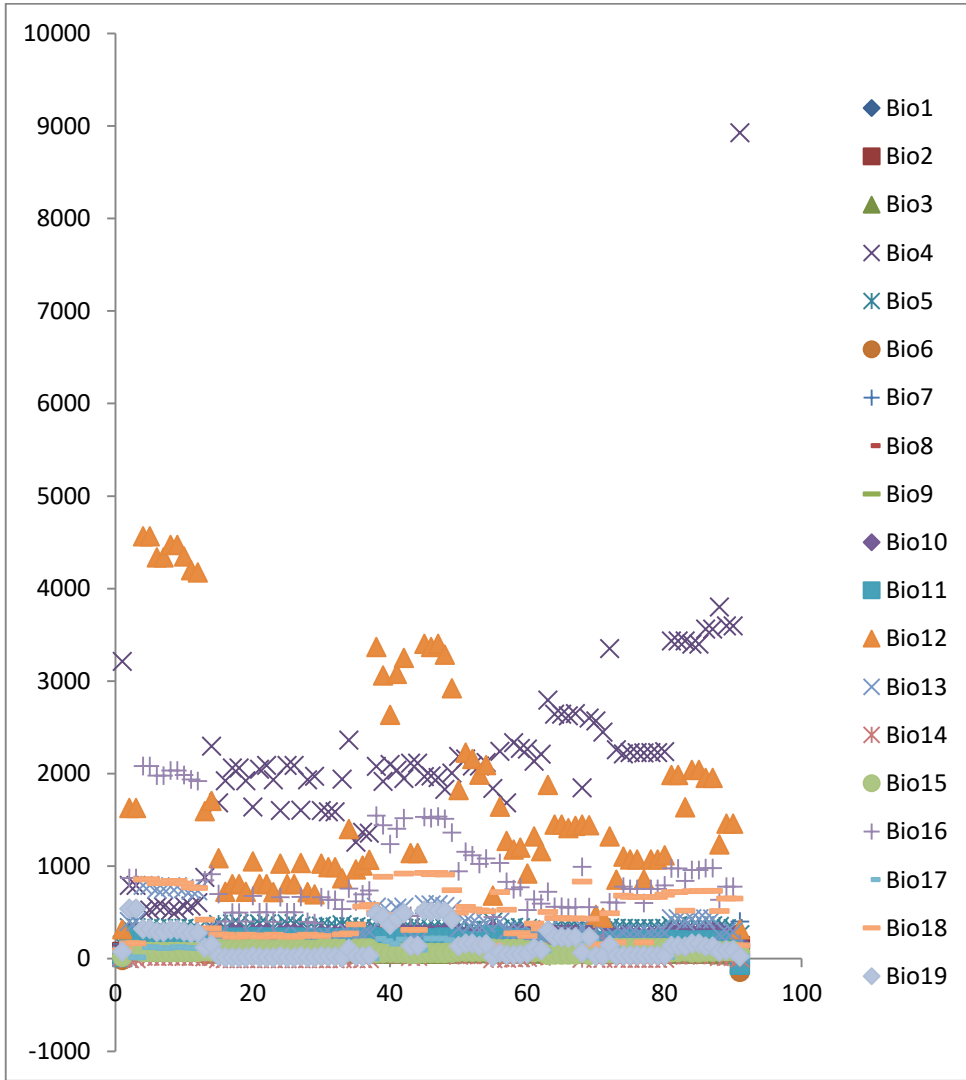
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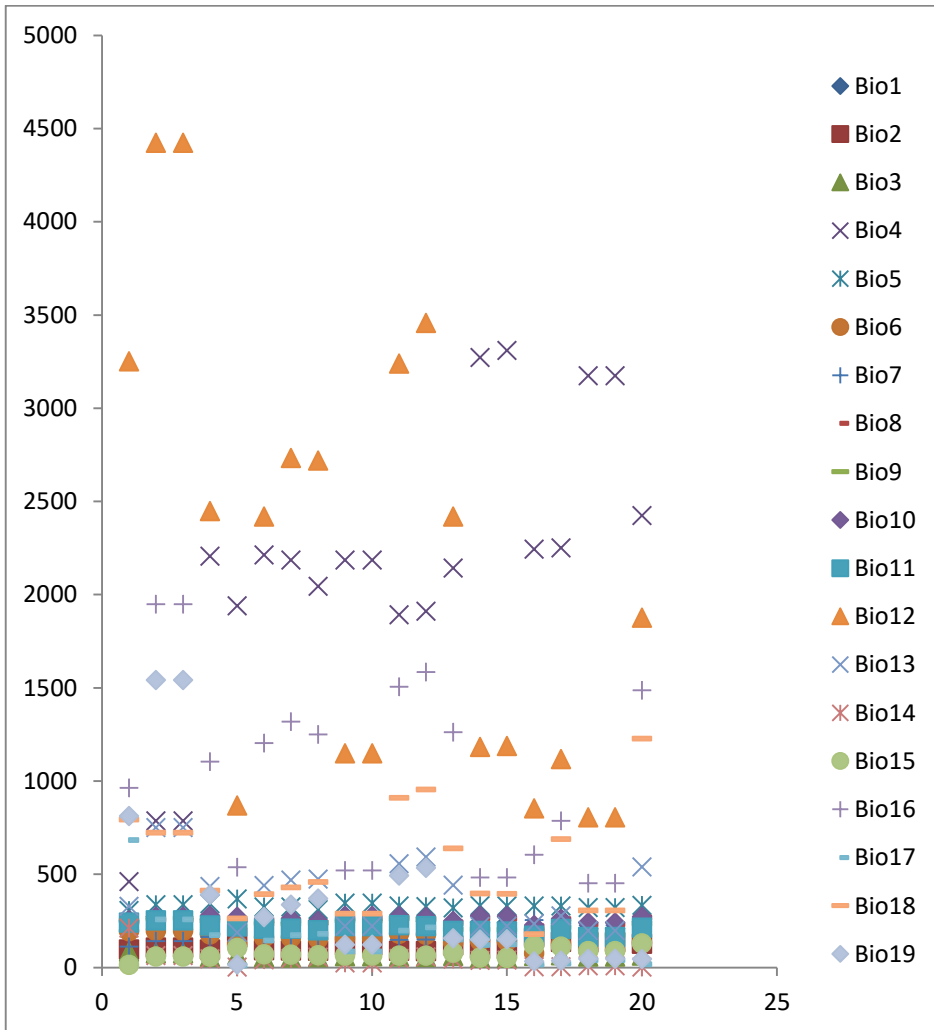
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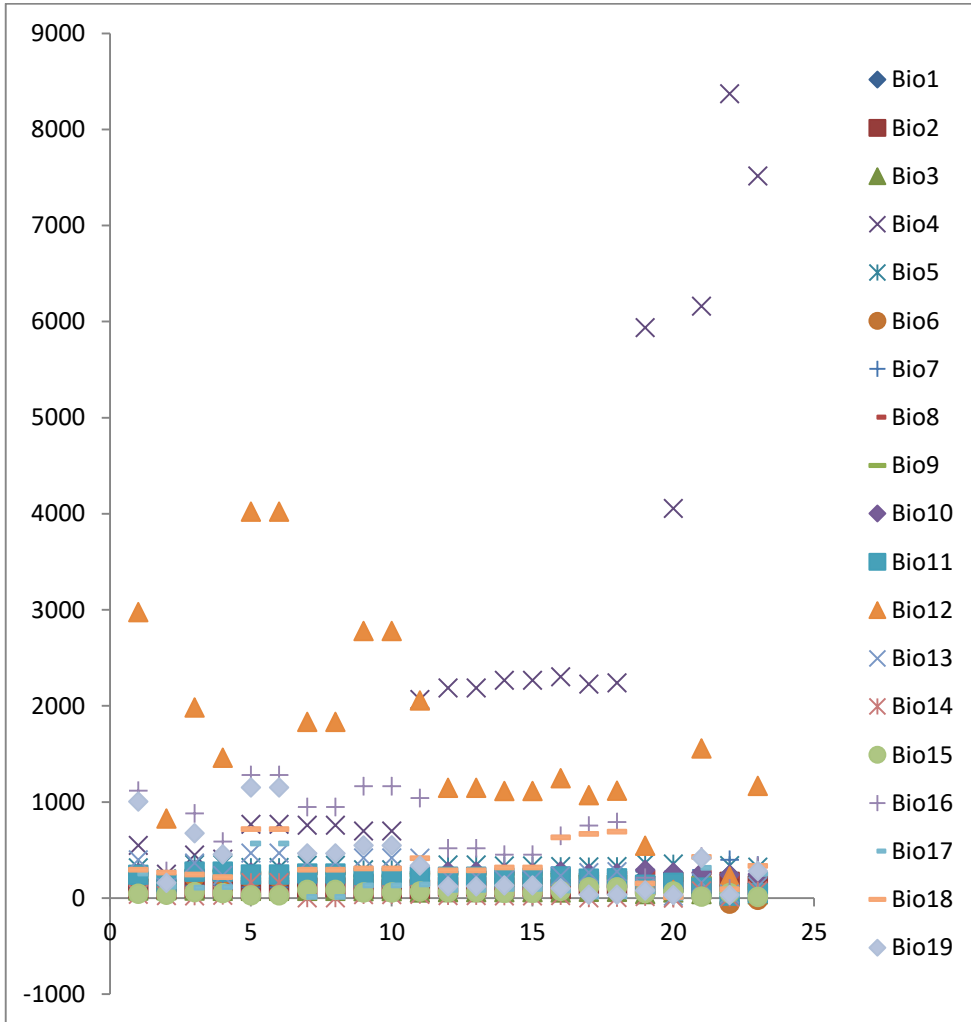
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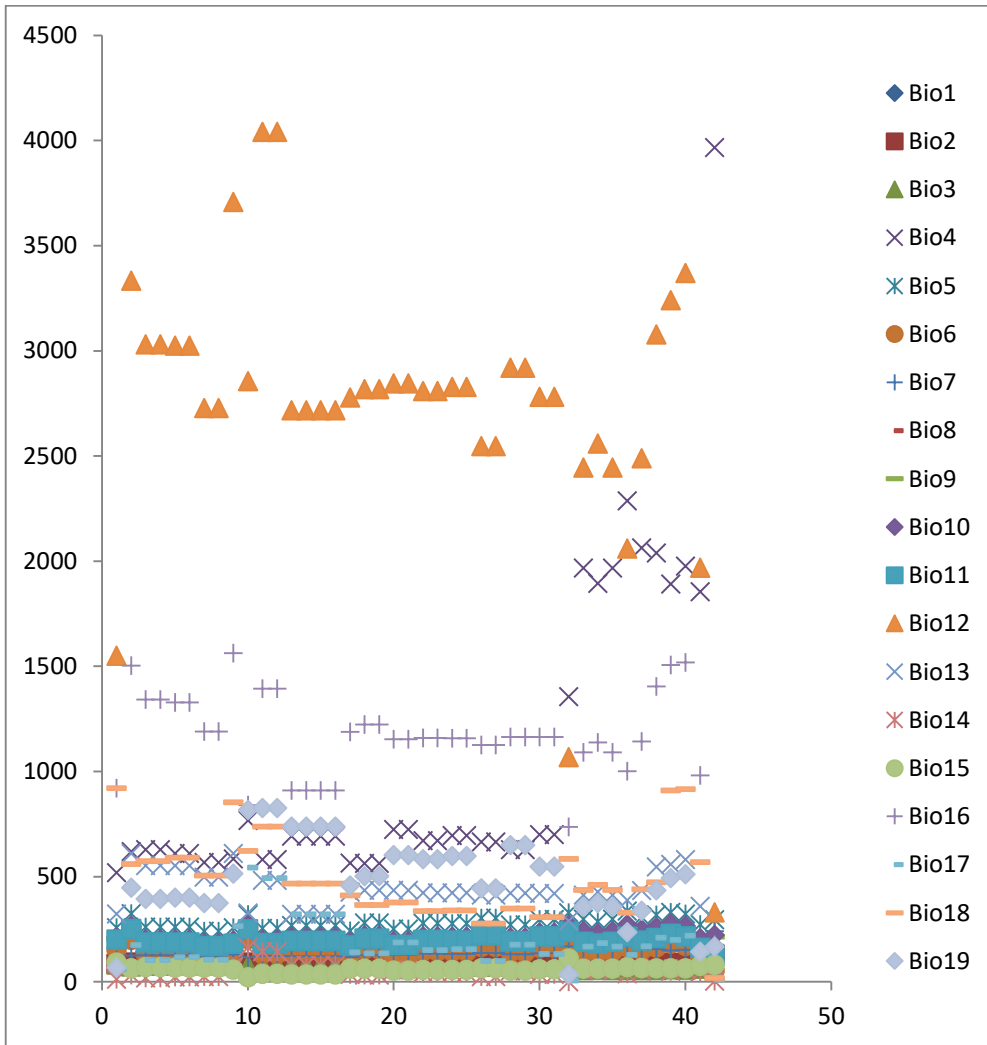
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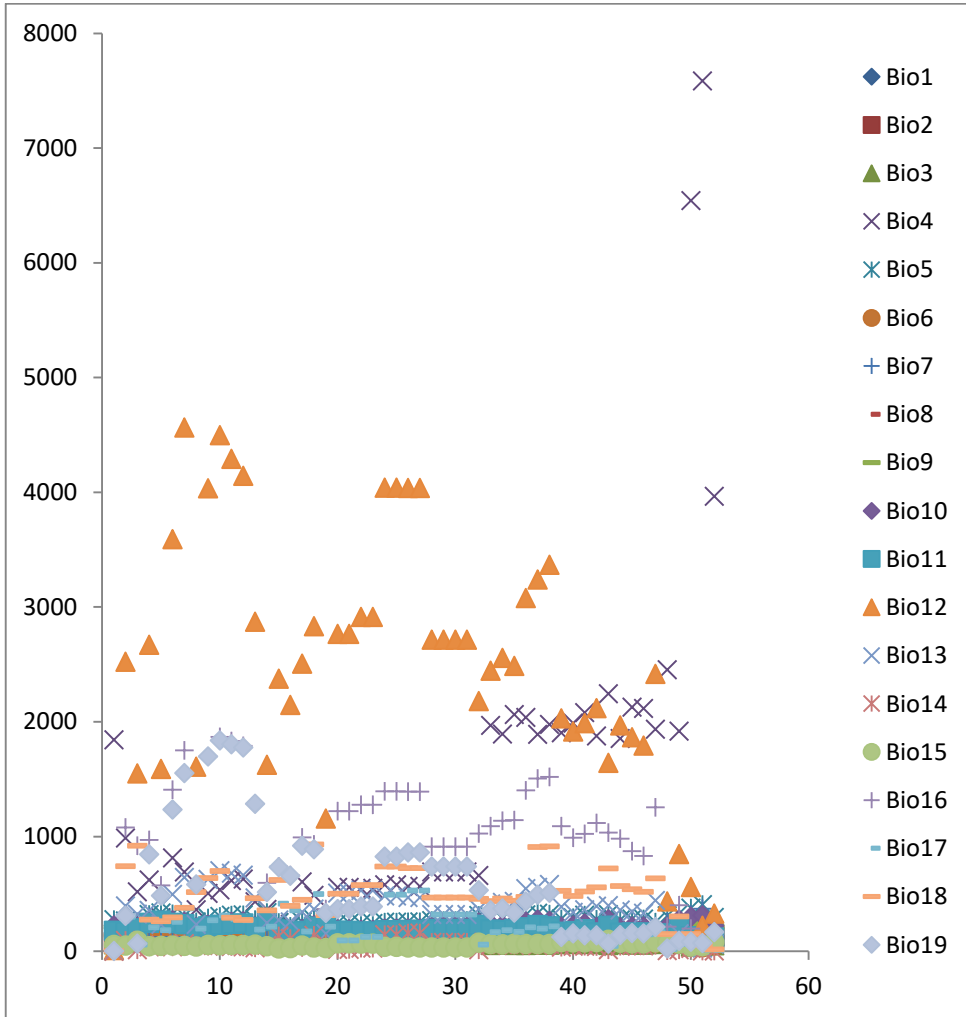
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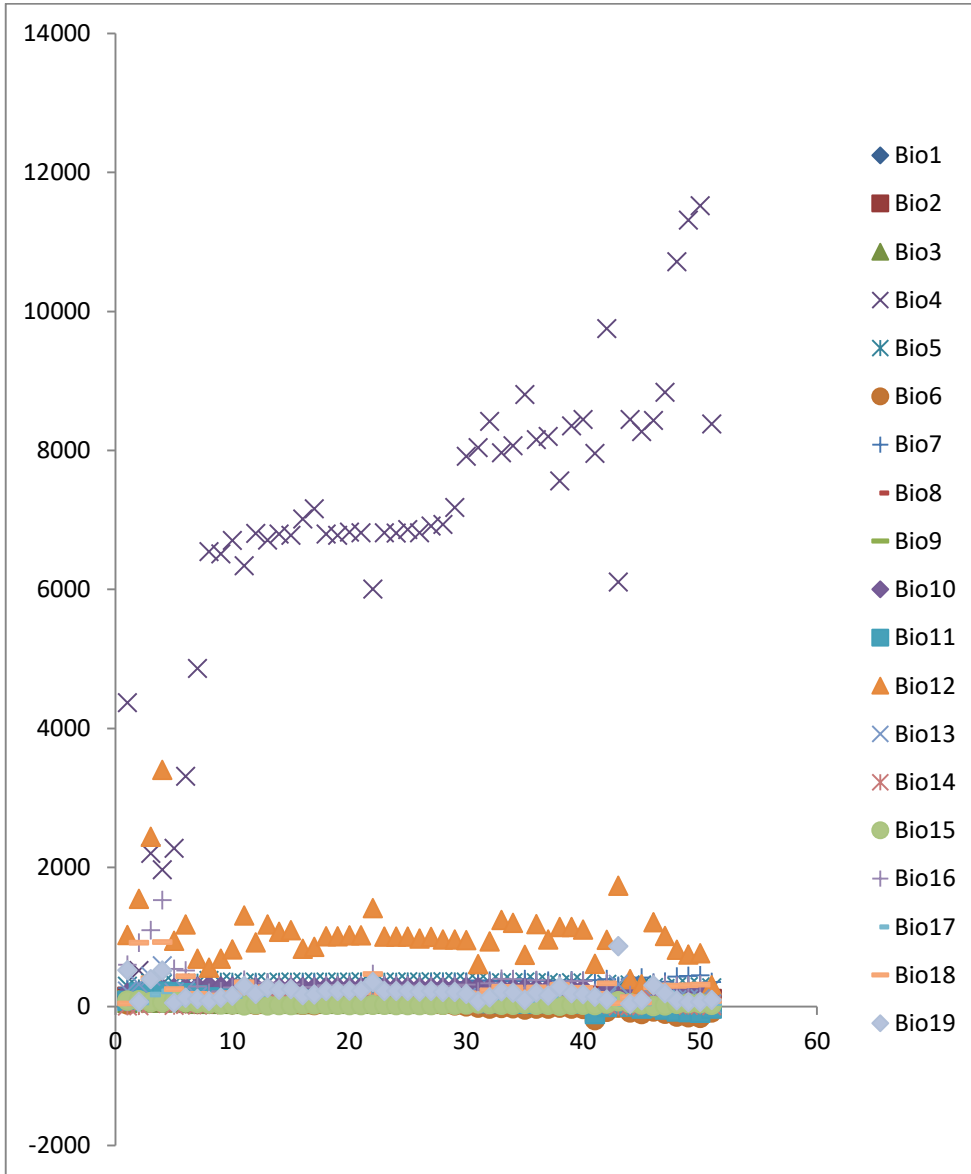
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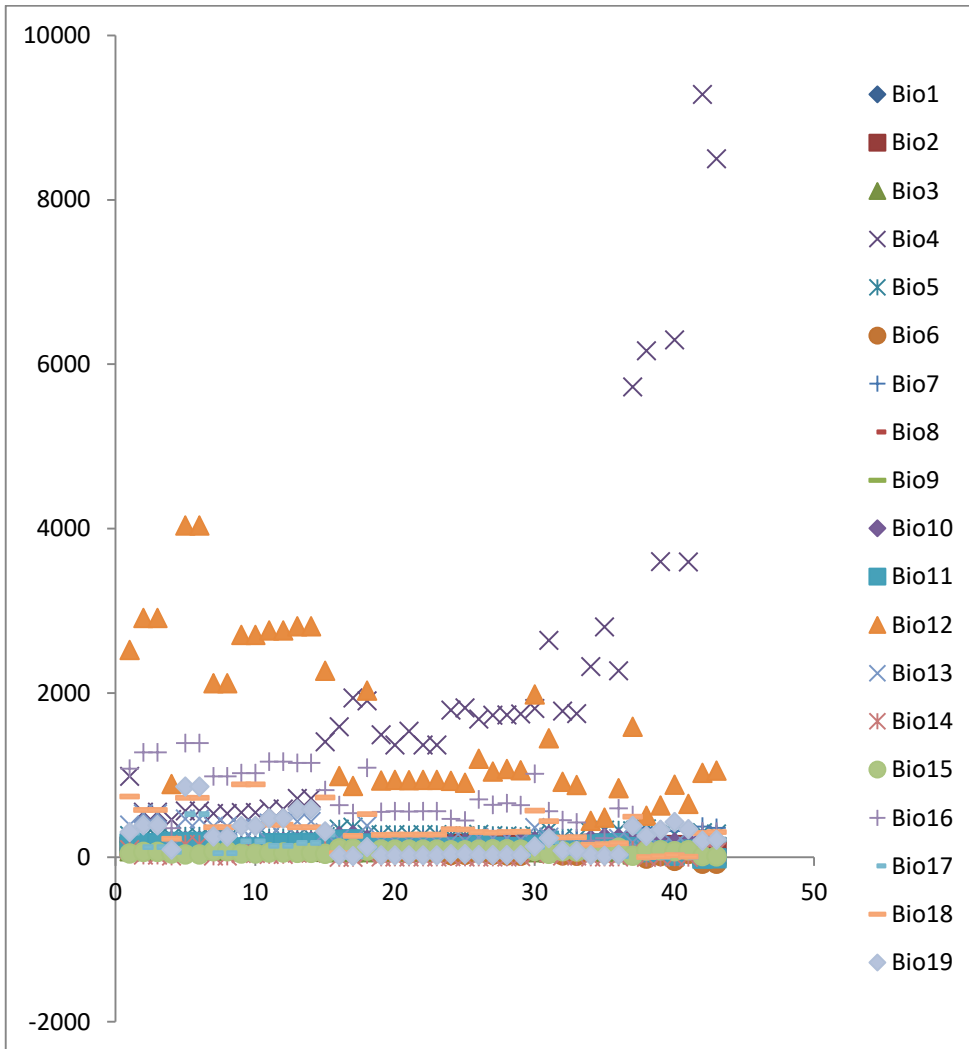
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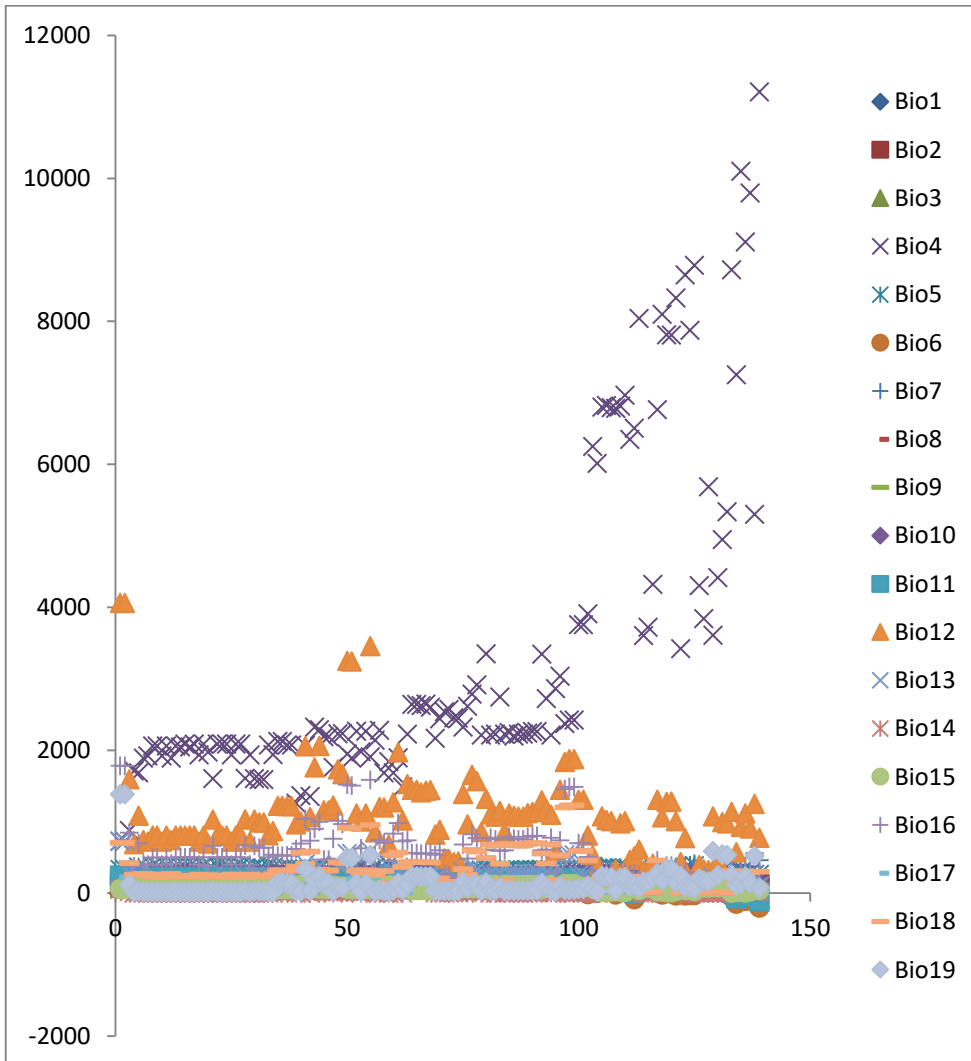
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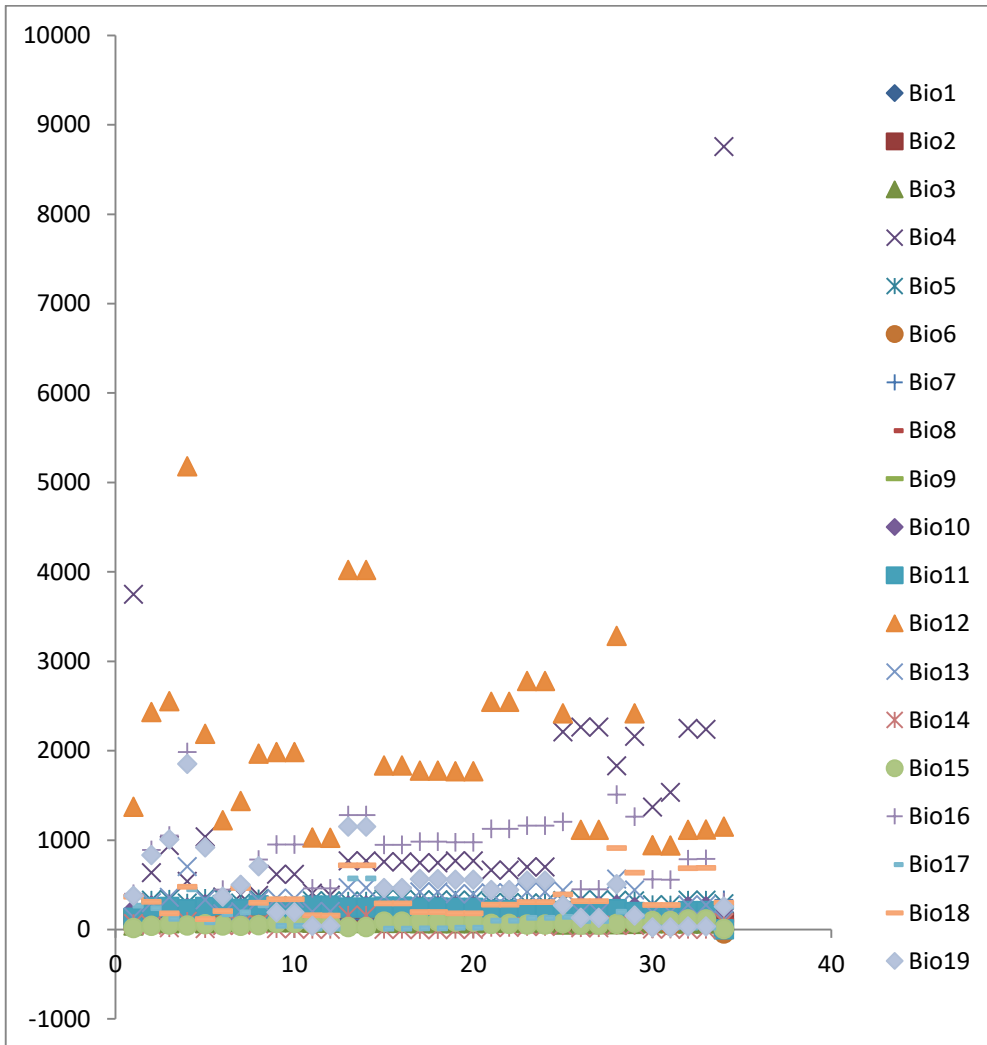
Sympetrum_illotum



Telebasis_salva



Tramea_calverti



Tramea_onusta

