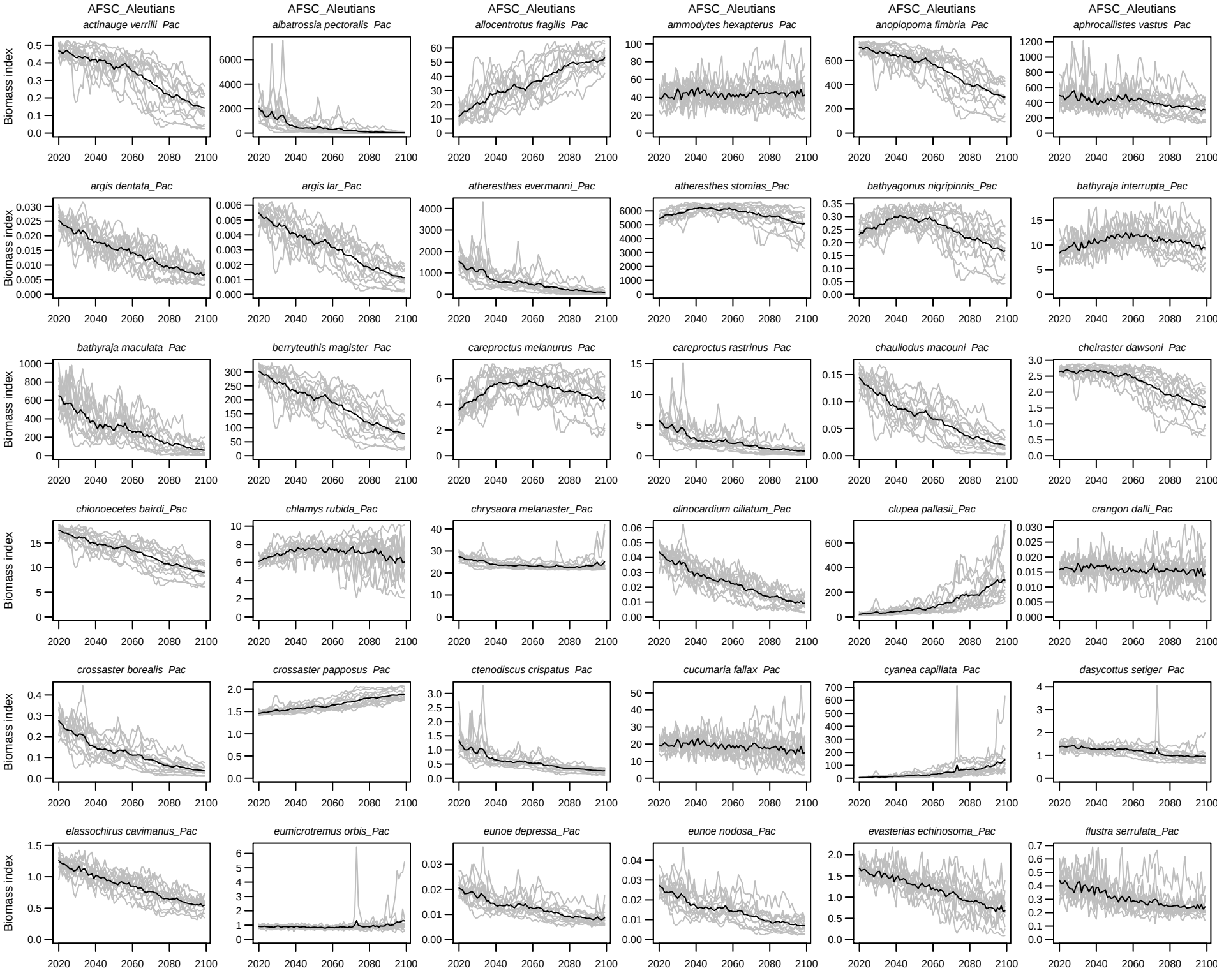
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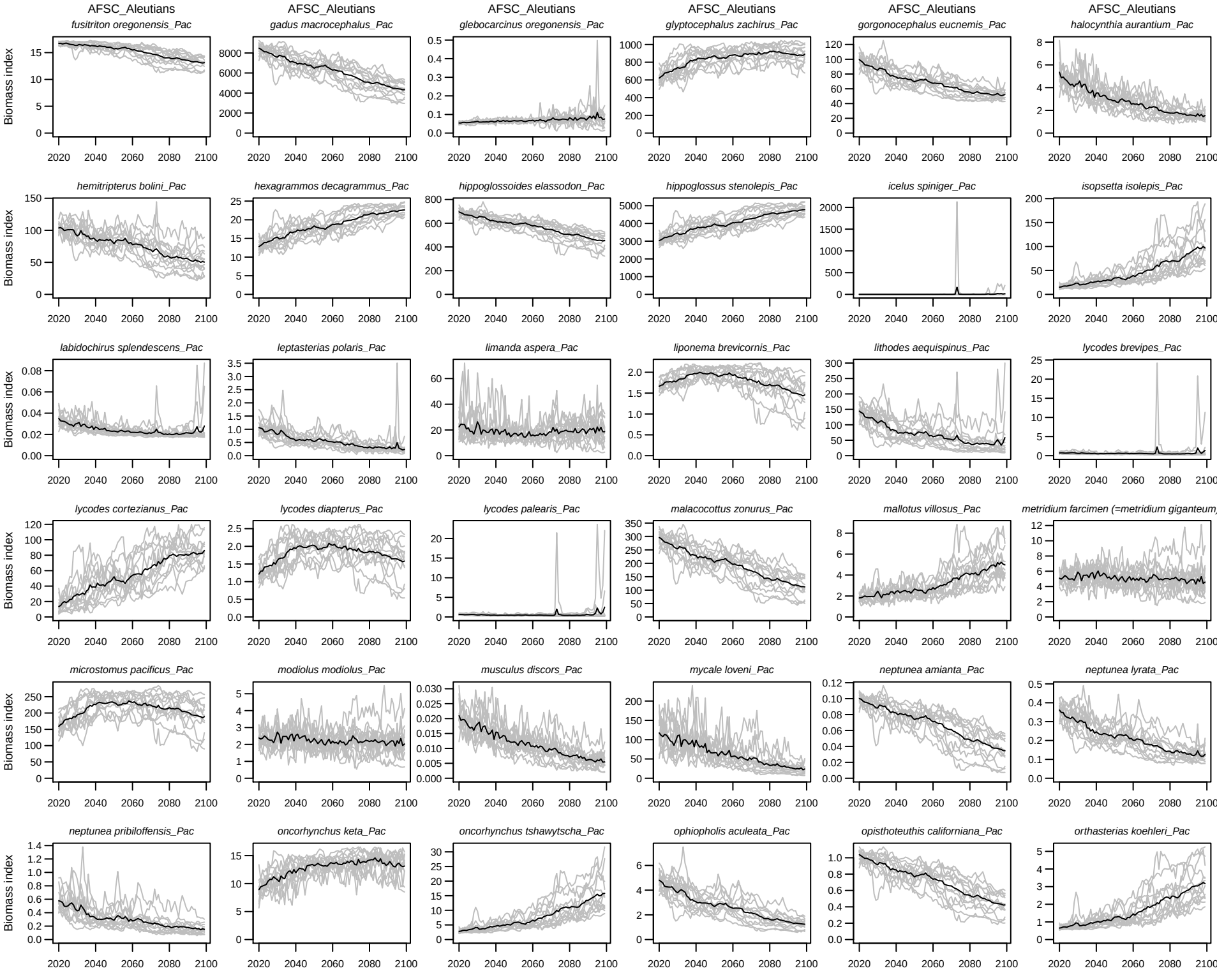
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leptasterias polaris_Pac
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malacocottus zonurus_Pac
mallotus villosus_Pac
metridium farcimen (=metridium giganteum)
microstomus pacificus_Pac
modiolus modiolus_Pac
musculus discors_Pac
mycale loveni_Pac
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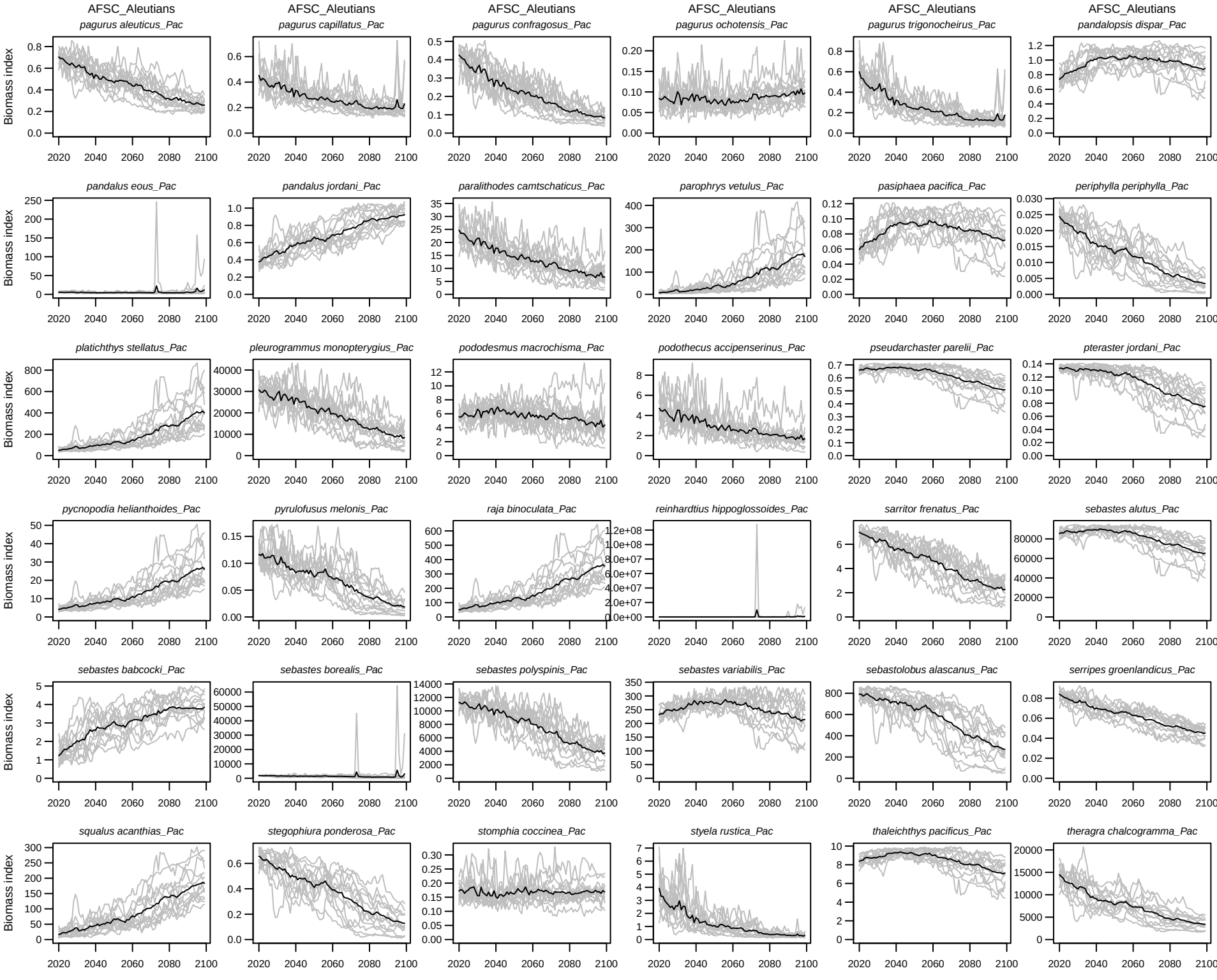
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pteraster jordani_Pac
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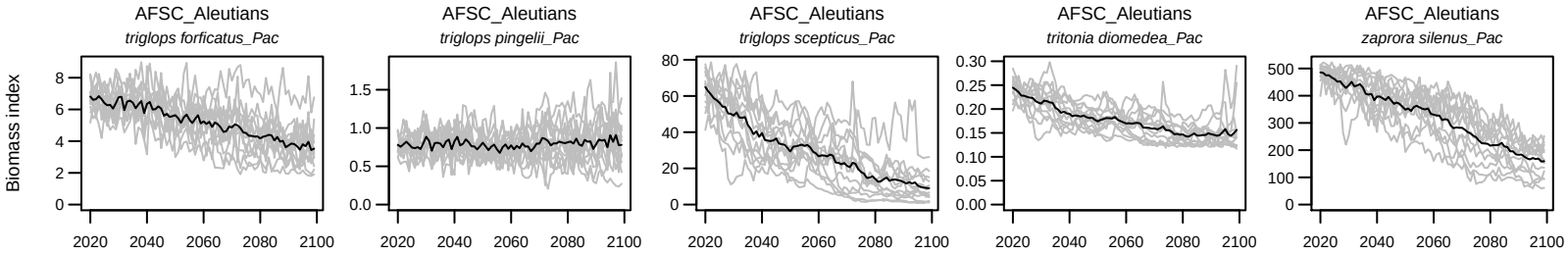
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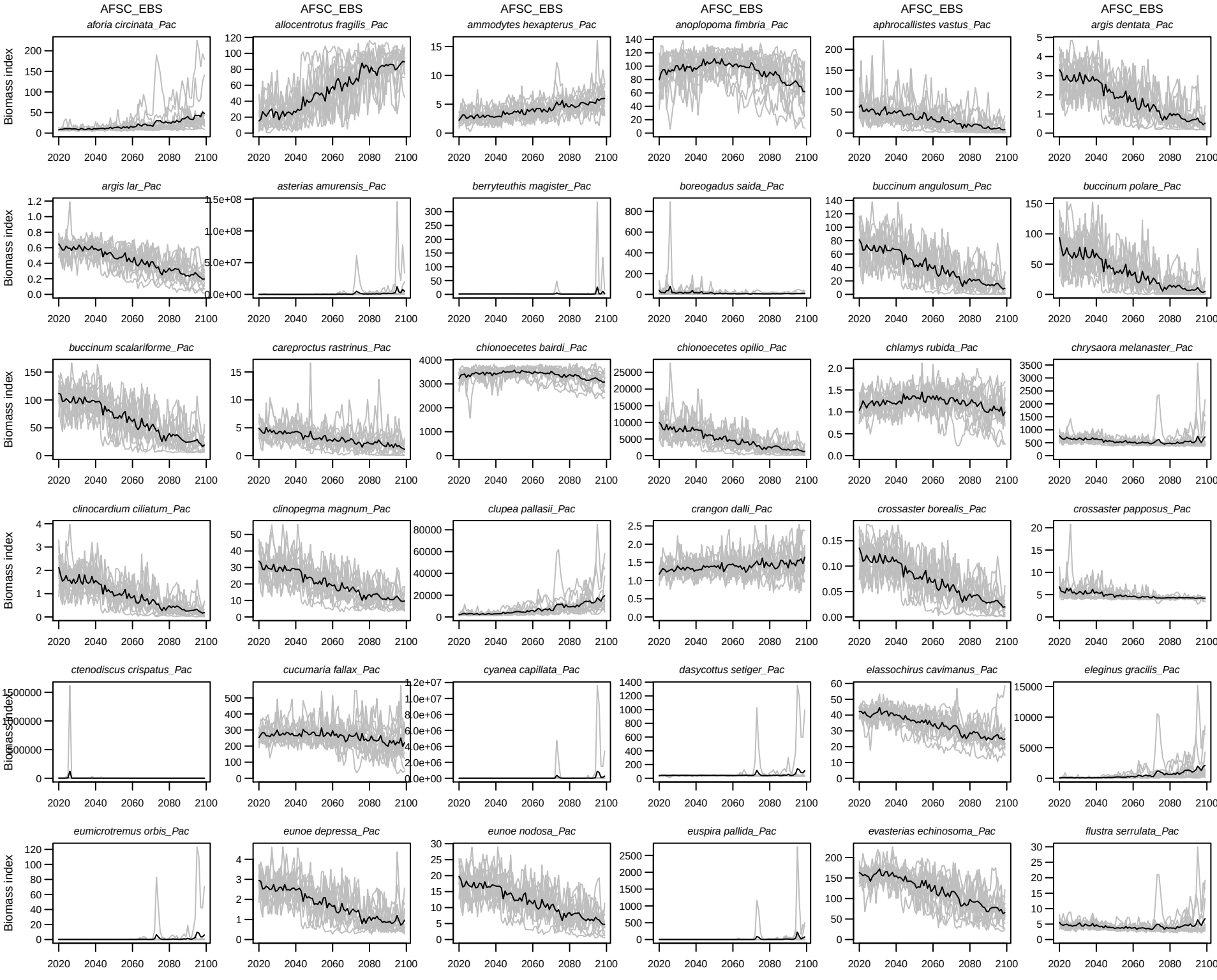
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buccinum scalariforme_Pac
careproctus rastrinus_Pac
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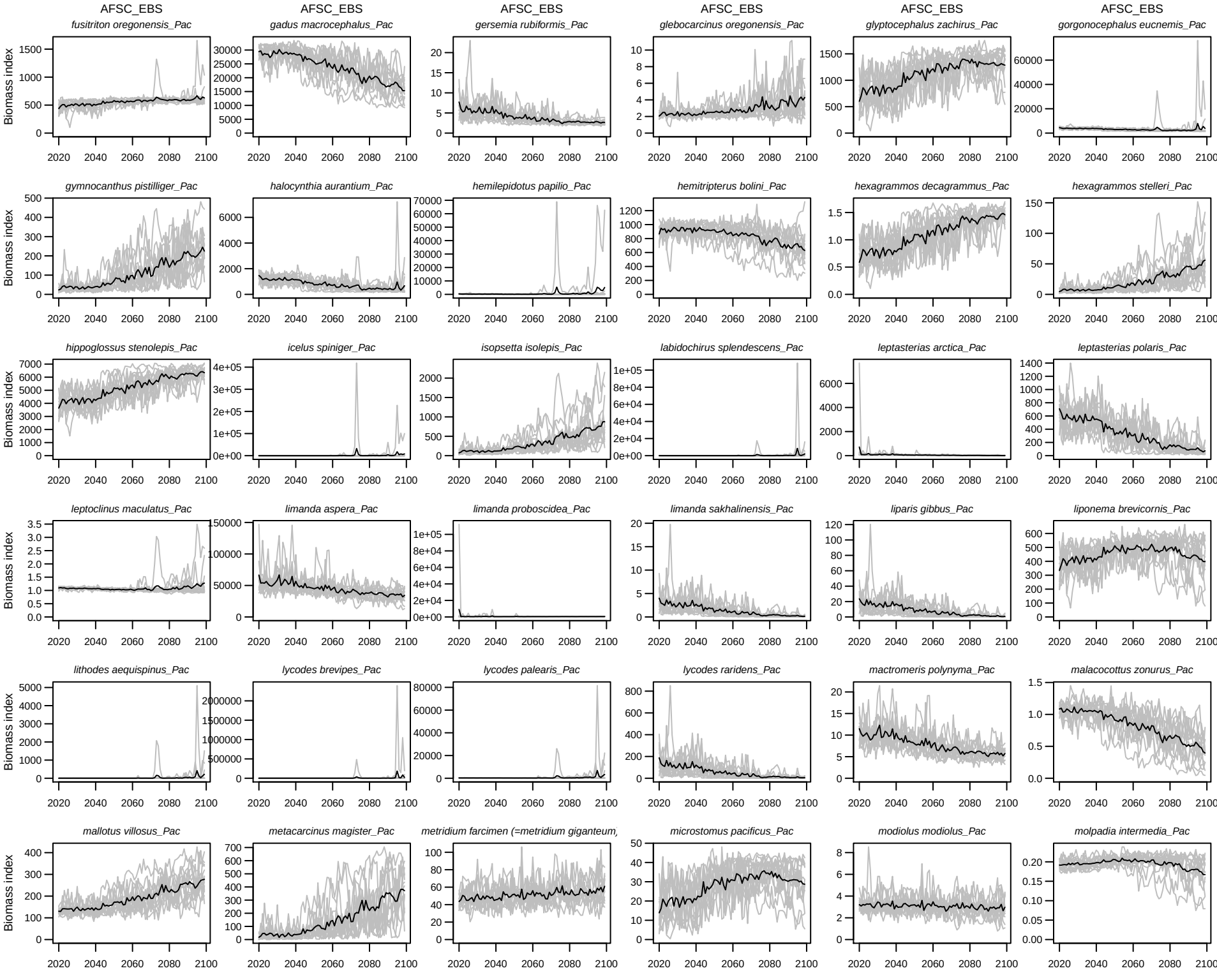
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mallotus villosus_Pac
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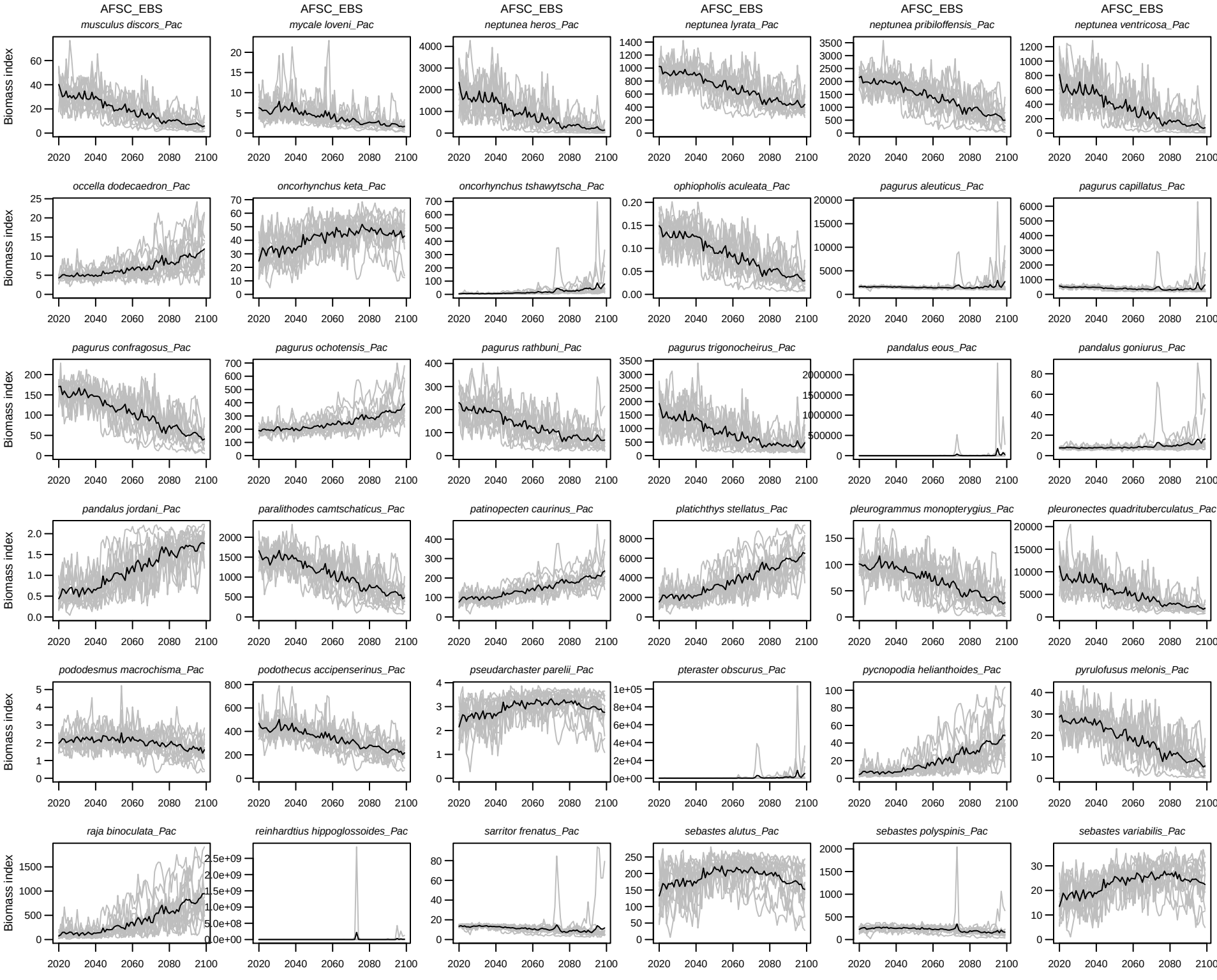
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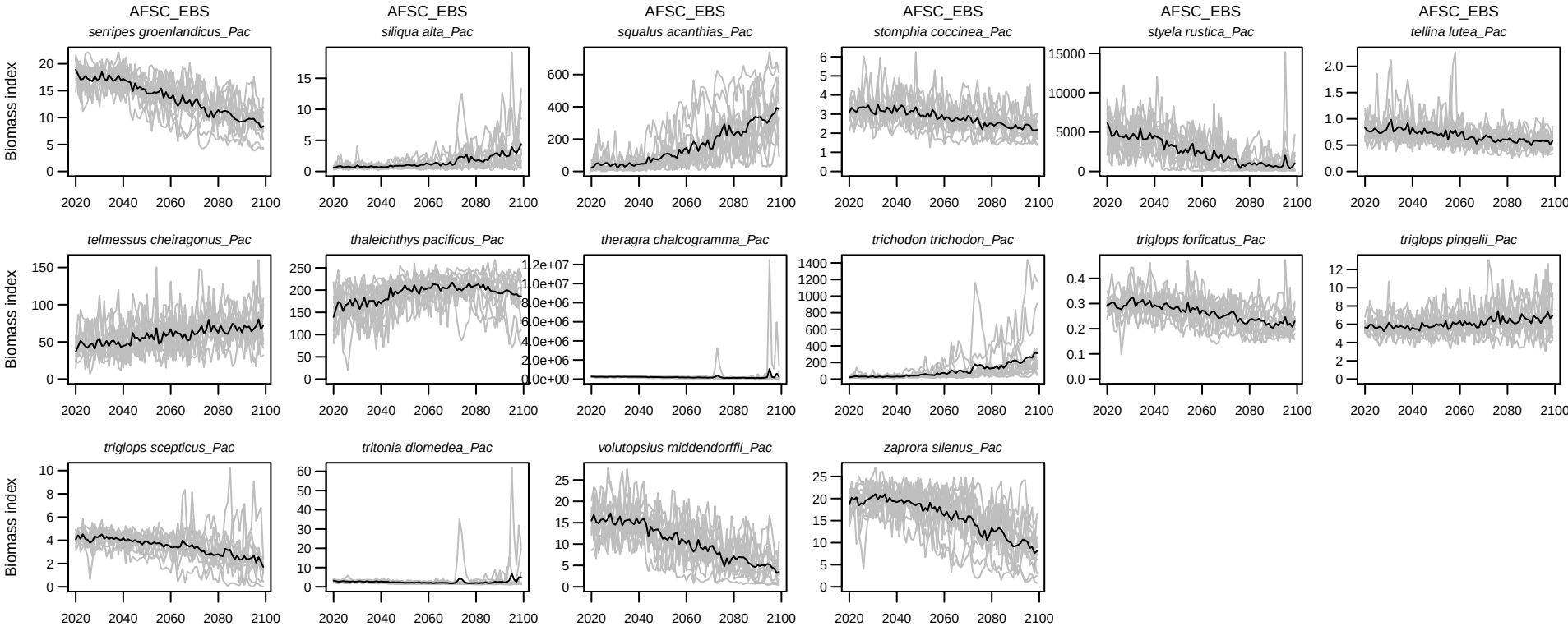
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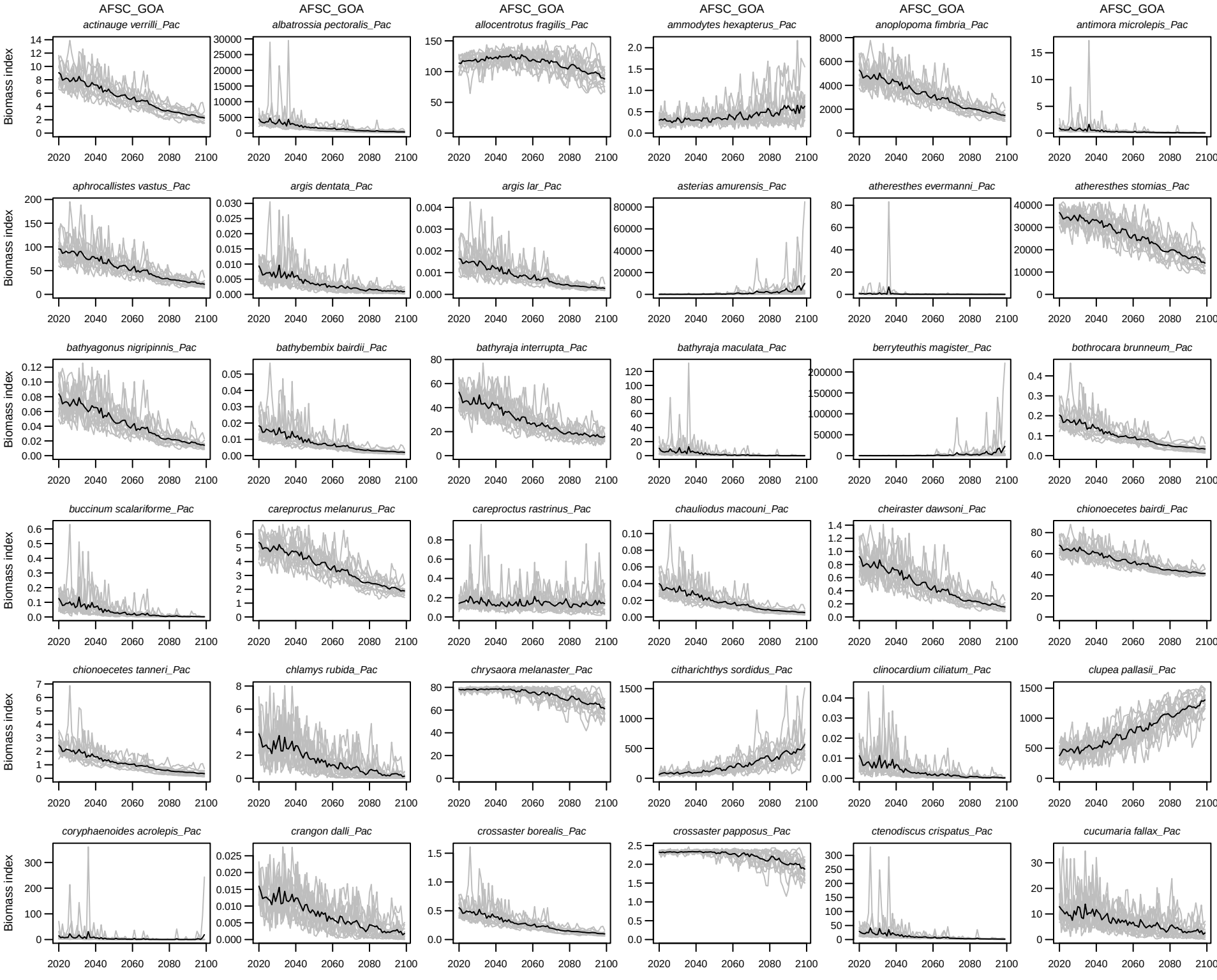
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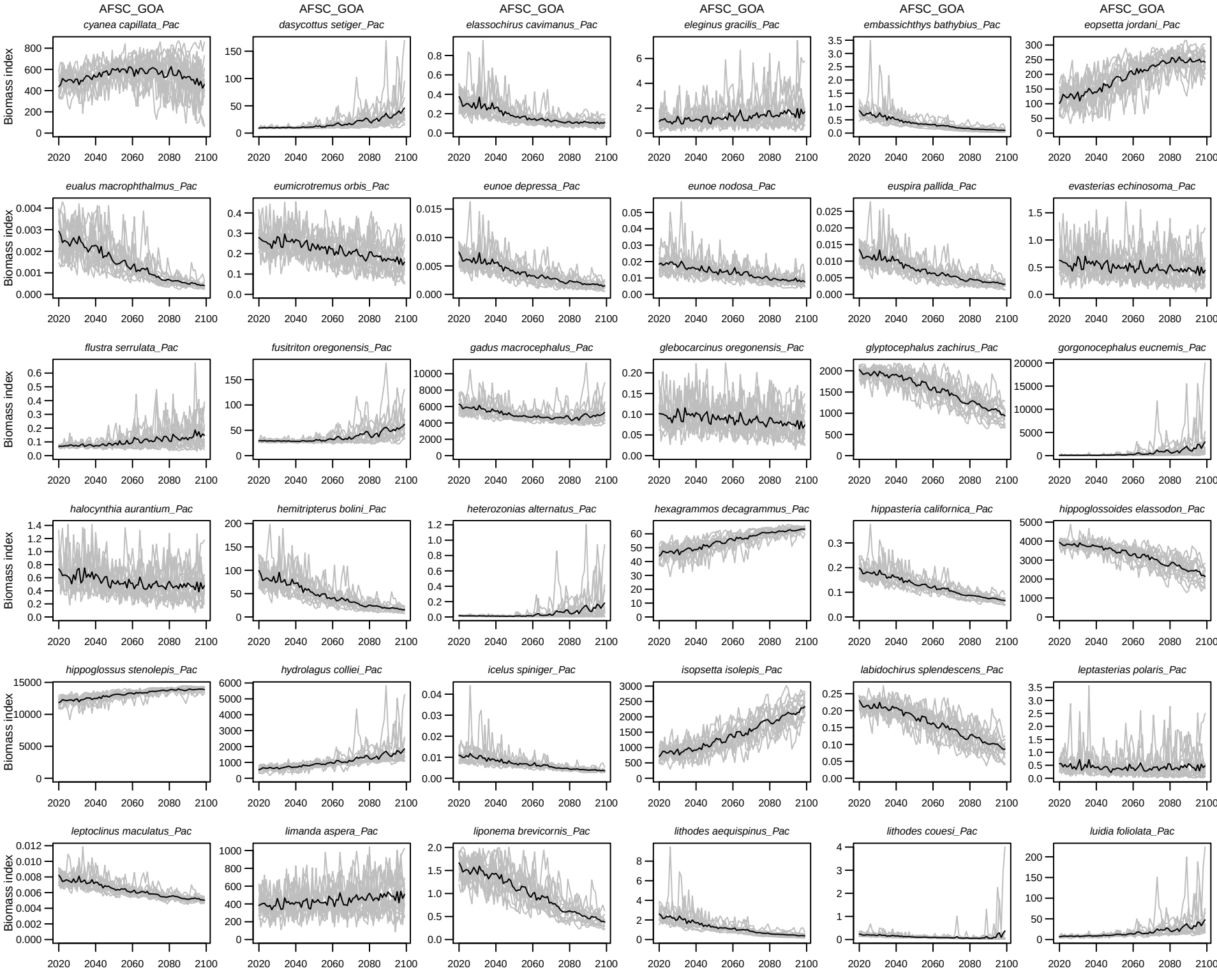
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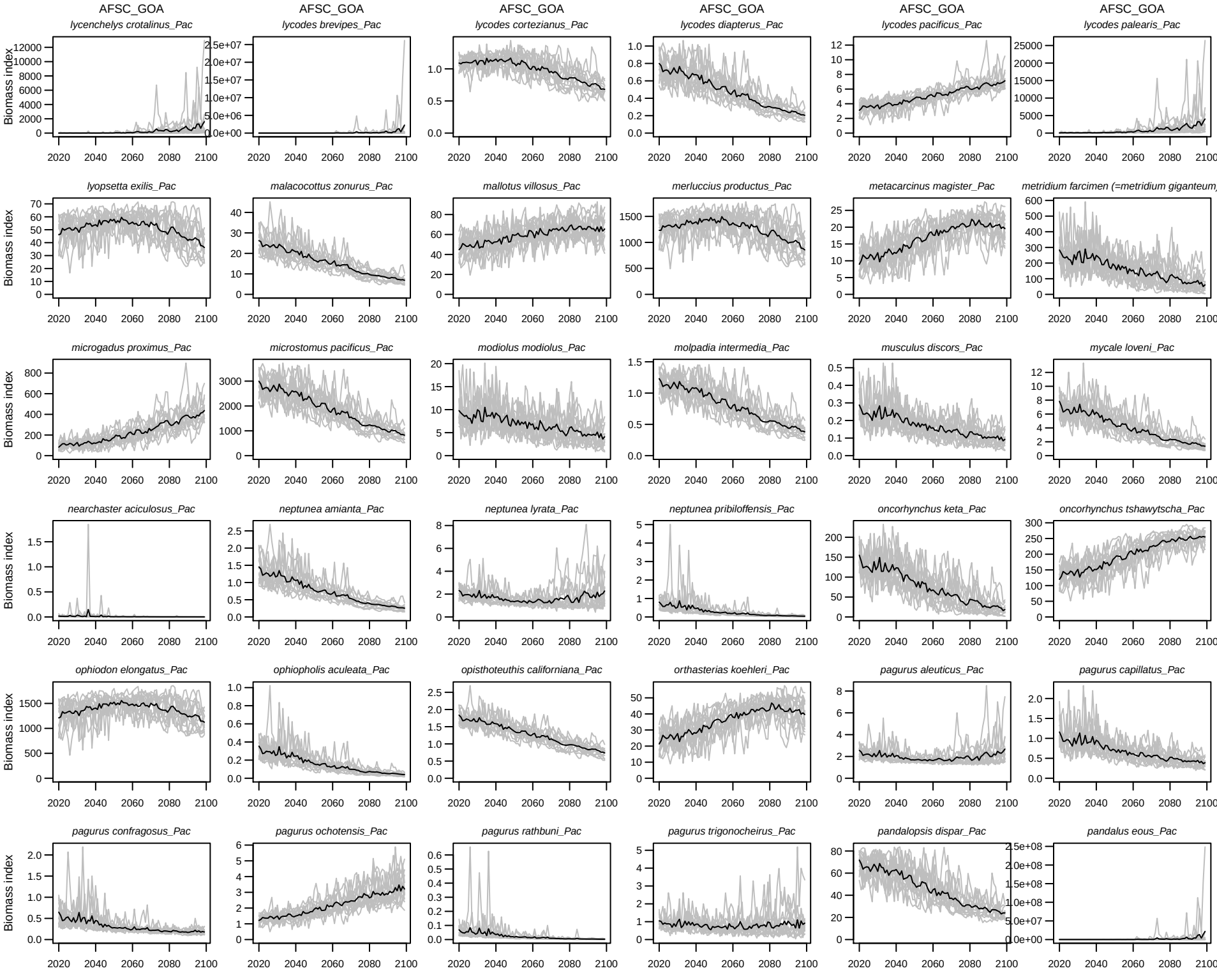
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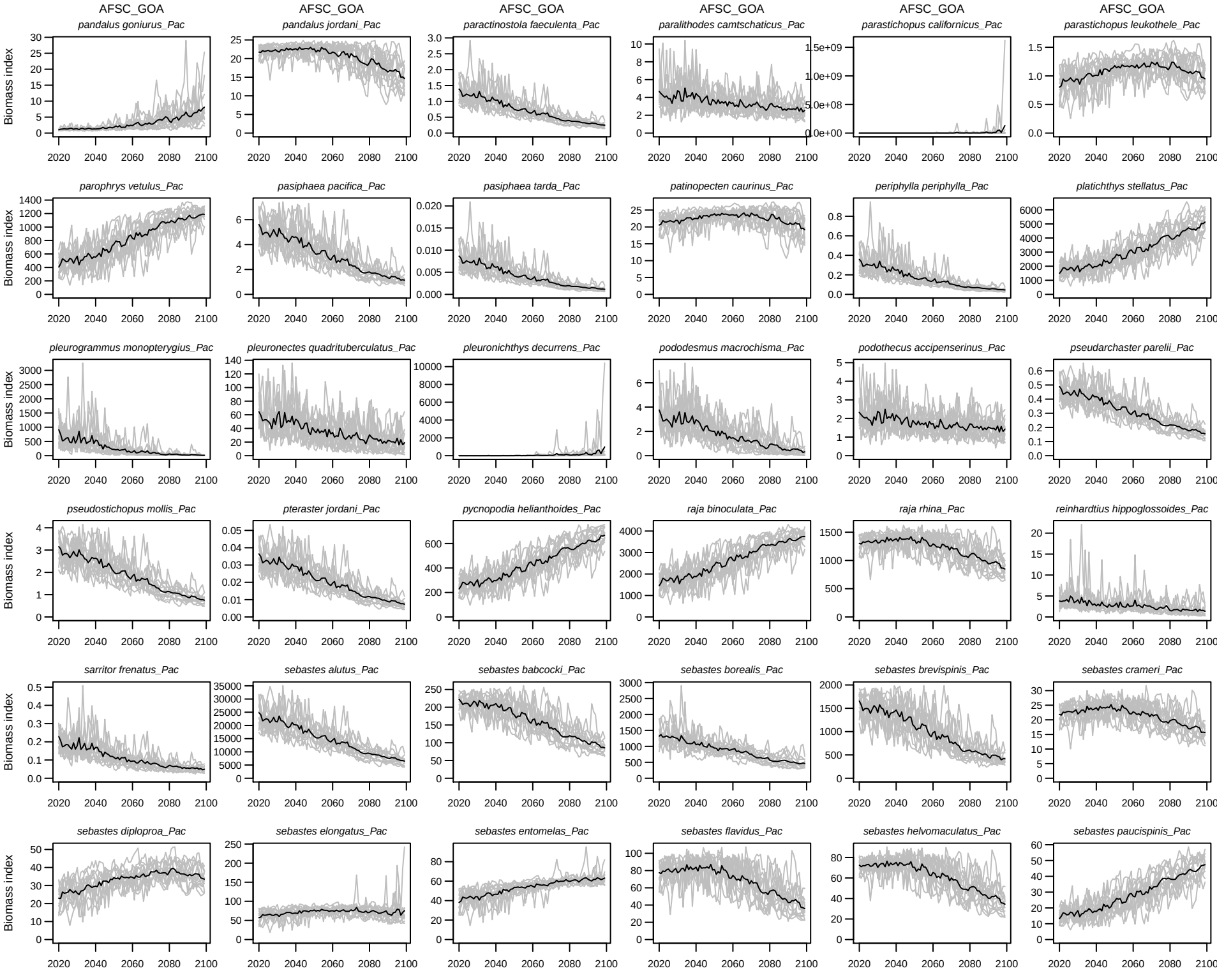
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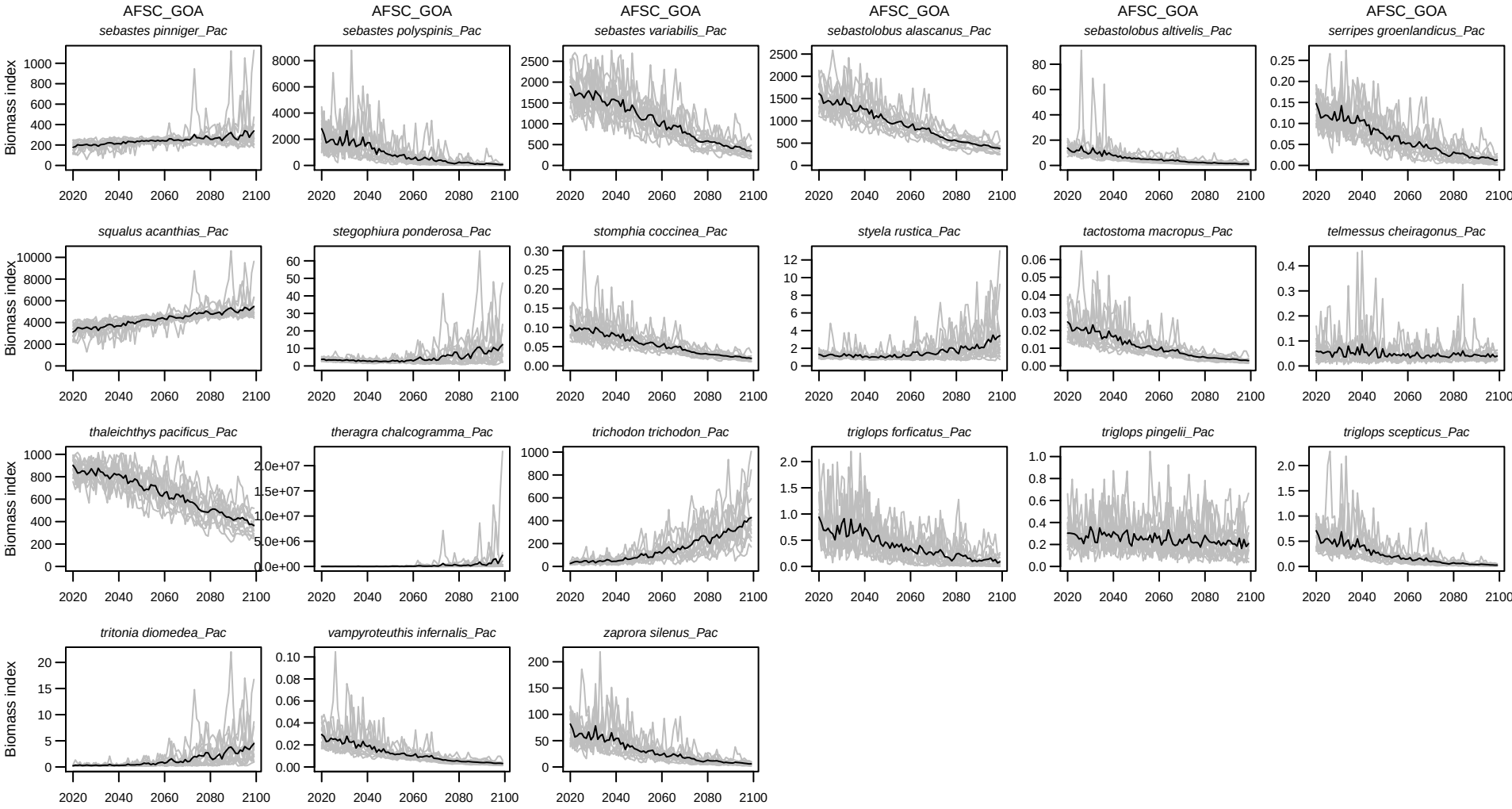
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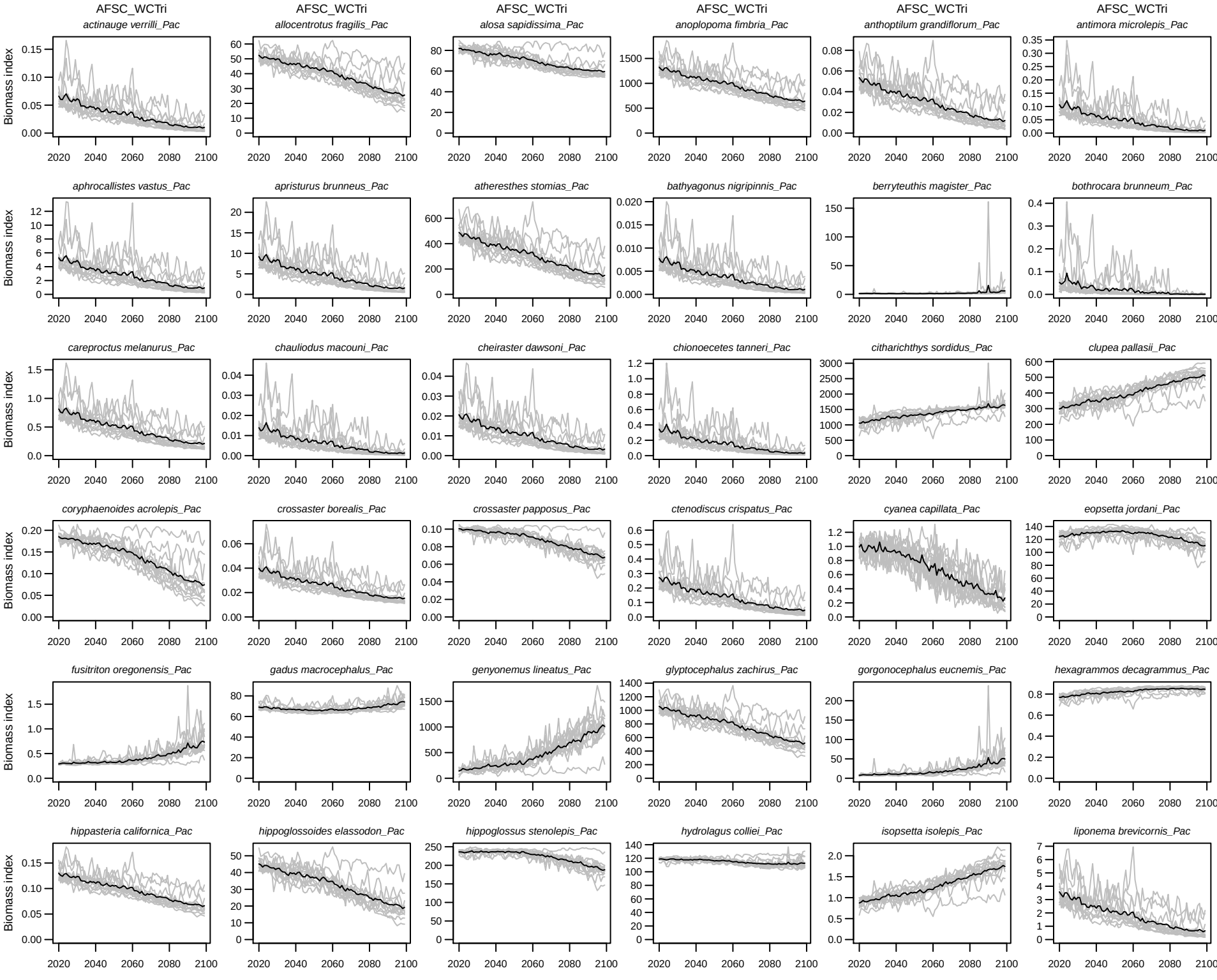
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bathyagonus nigripinnis_Pac
berryteuthis magister_Pac
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cheiraster dawsoni_Pac
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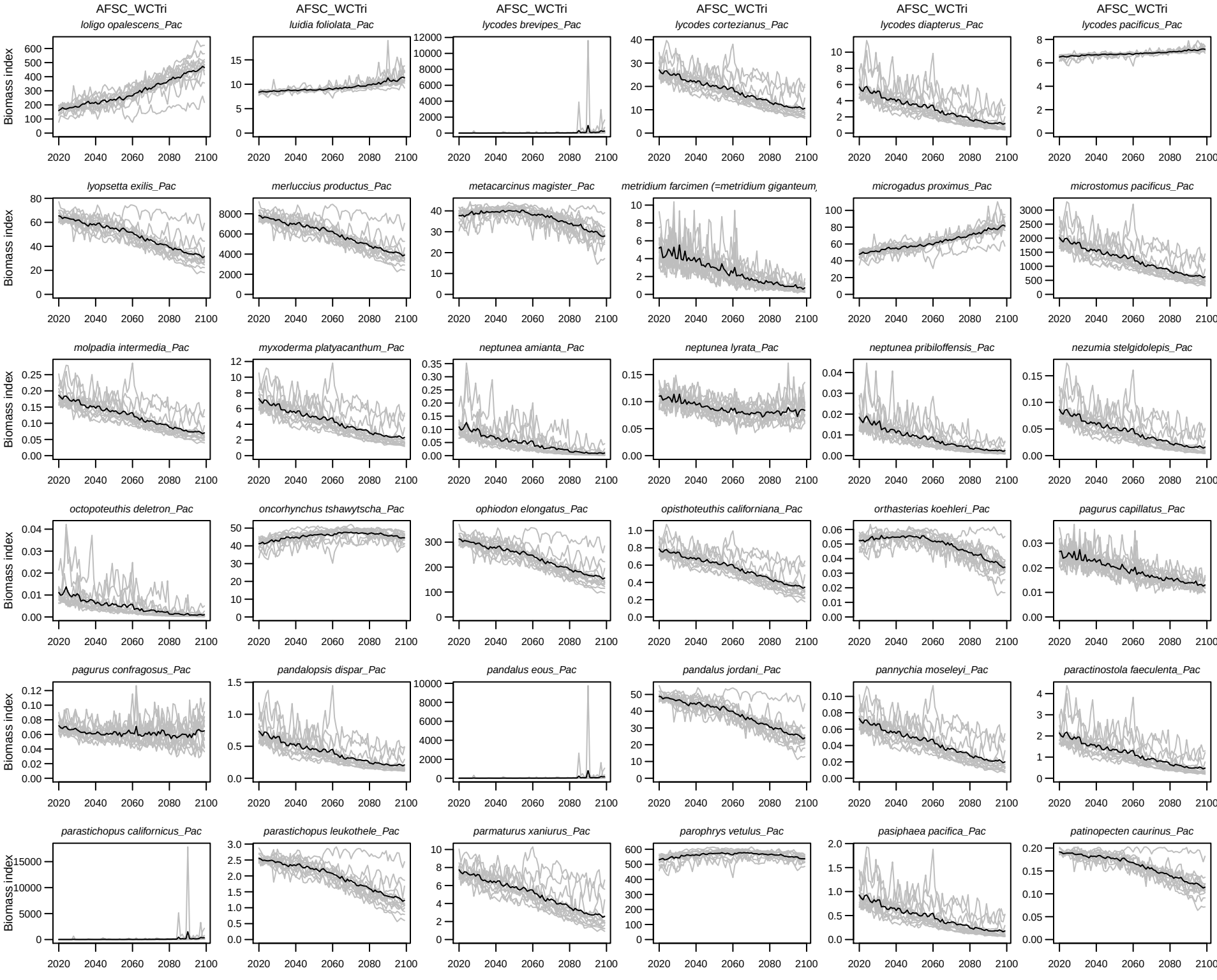
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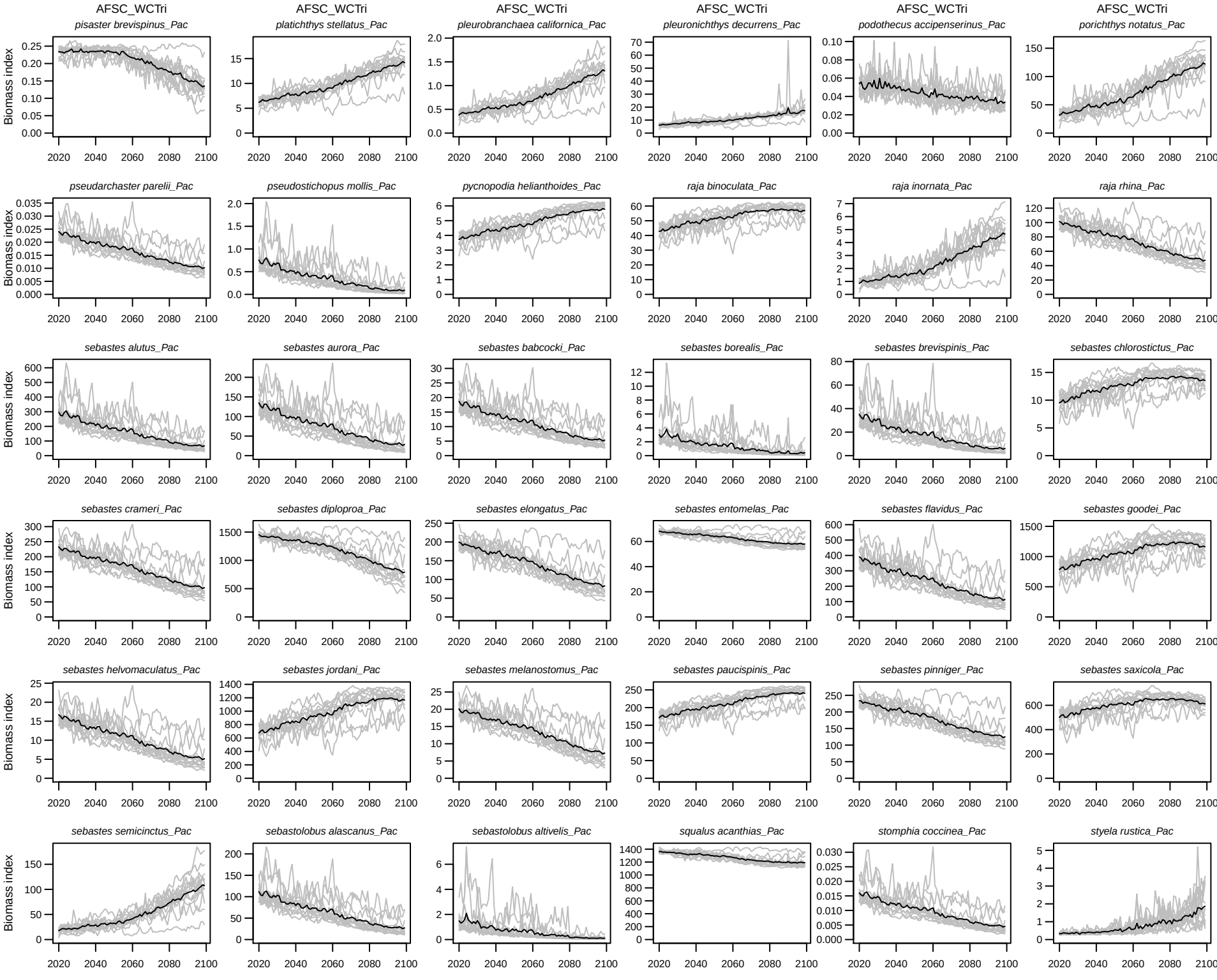
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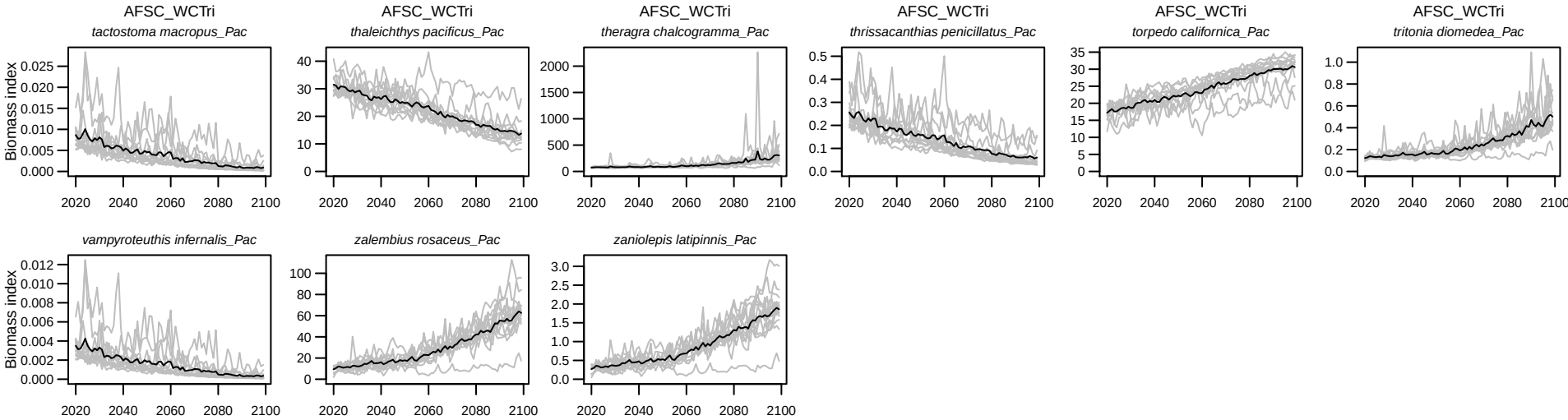
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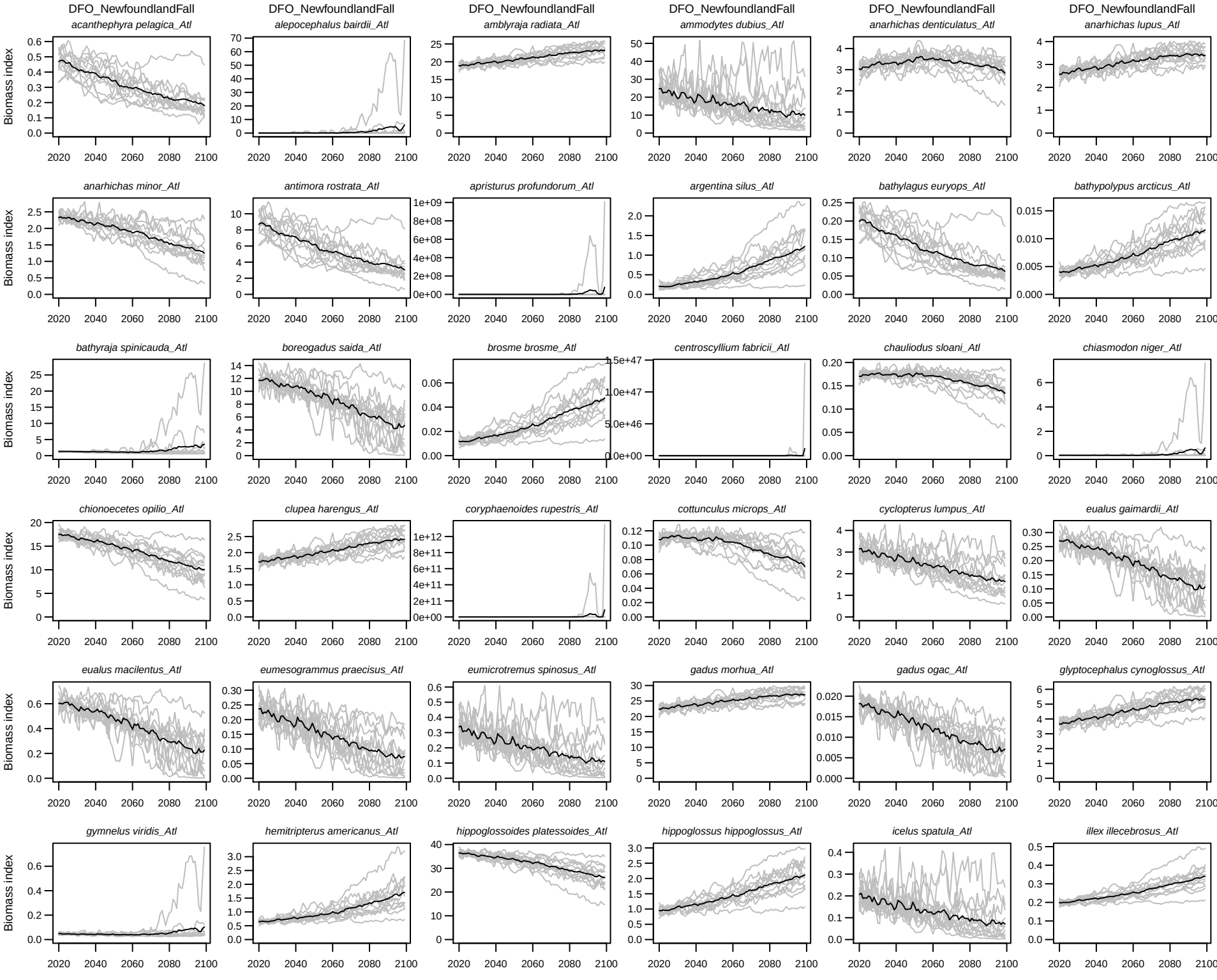
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anarhichas minor_Atl
antimora rostrata_Atl
apristurus profundorum_Atl
argentina silus_Atl
bathylagus euryops_Atl
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bathyraja spinicauda_Atl
boreogadus saida_Atl
brosme brosme_Atl
centroscyllium fabricii_Atl
chauliodus sloani_Atl
chiasmodon niger_Atl
chionoecetes opilio_Atl
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coryphaenoides rupestris_Atl
cottunculus microps_Atl
cyclopterus lumpus_Atl
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gadus morhua_Atl
gadus ogac_Atl
glyptocephalus cynoglossus_Atl
gymnelus viridis_Atl
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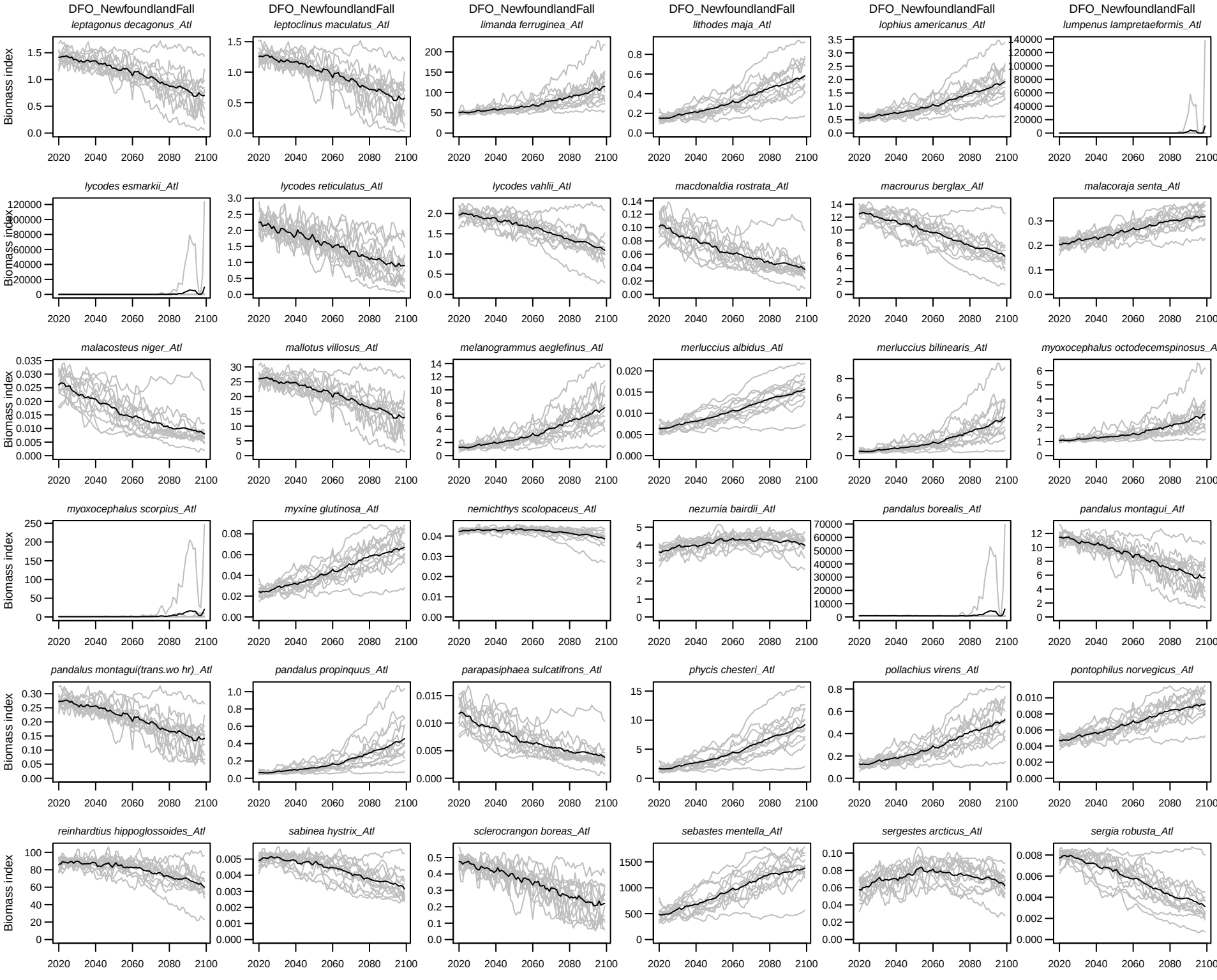
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lophius americanus_Atl
lumpenus lampretaeformis_Atl
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lycodes reticulatus_Atl
lycodes vahlii_Atl
macdonaldia rostrata_Atl
macrourus berglax_Atl
malacoraja senta_Atl
malacosteus niger_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
merluccius albidus_Atl
merluccius bilinearis_Atl
myoxocephalus octodecemspinosus_A
myoxocephalus scorpius_Atl
myxine glutinosa_Atl
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
pandalus borealis_Atl
pandalus montagui_Atl
pandalus montagui(trans.wo hr)_Atl
pandalus propinquus_Atl
parapasiphaea sulcatifrons_Atl
phycis chesteri_Atl
pollachius virens_Atl
pontophilus norvegicus_Atl
reinhardtius hippoglossoides_Atl
sabinea hystrix_Atl
sclerocrangon boreas_Atl
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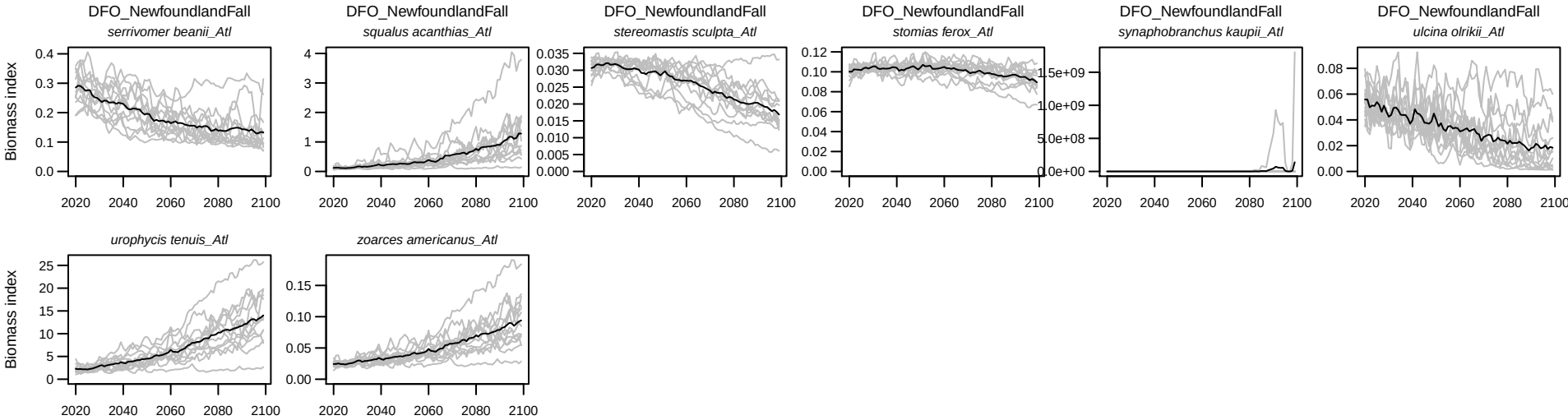
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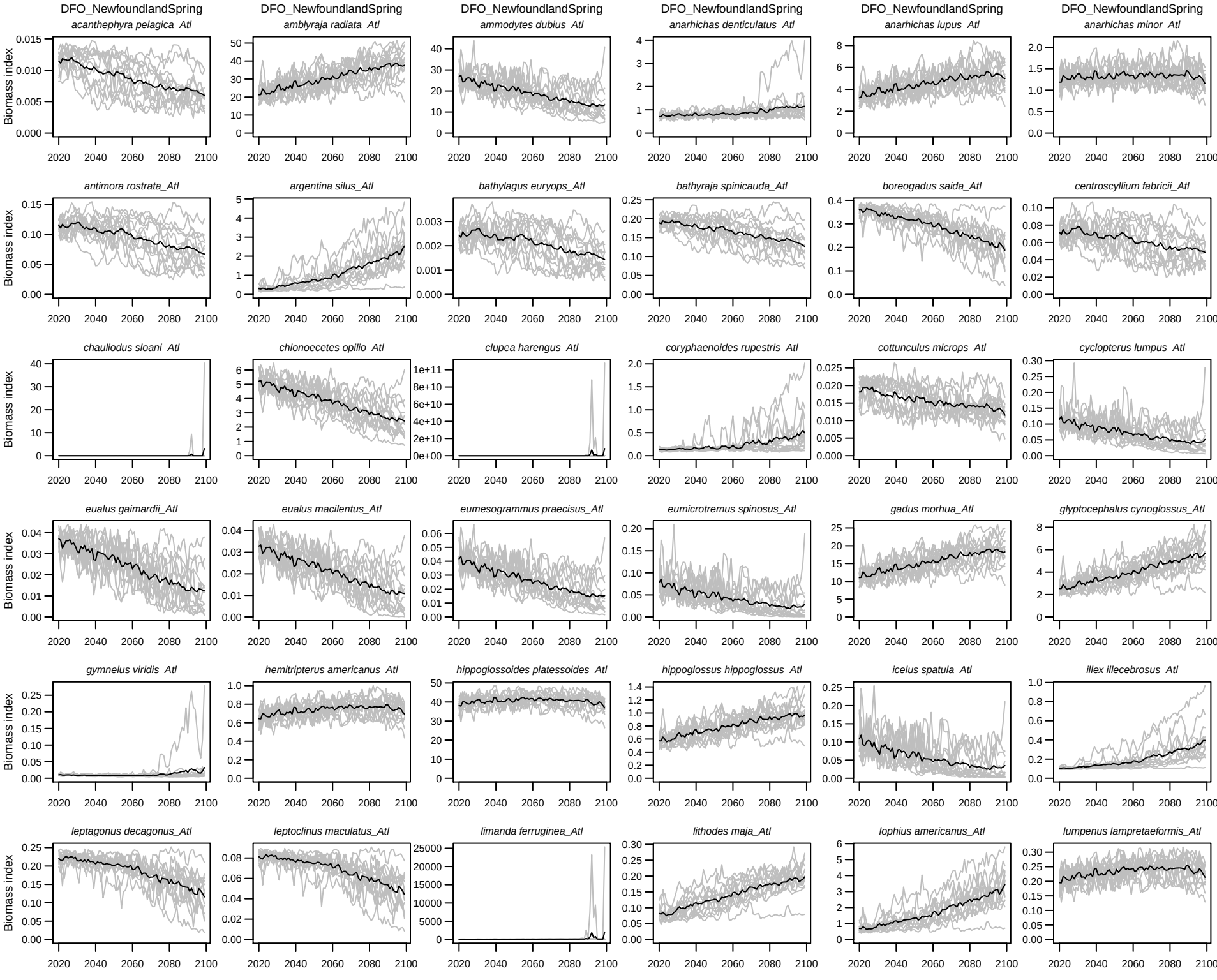
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ammodytes dubius_Atl
anarhichas denticulatus_Atl
anarhichas lupus_Atl
anarhichas minor_Atl
antimora rostrata_Atl
argentina silus_Atl
bathylagus euryops_Atl
bathyraja spinicauda_Atl
boreogadus saida_Atl
centroscyllium fabricii_Atl
chauliodus sloani_Atl
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cottunculus microps_Atl
cyclopterus lumpus_Atl
eualus gaimardii_Atl
eualus macilentus_Atl
eumesogrammus praecisus_Atl
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gadus morhua_Atl
glyptocephalus cynoglossus_Atl
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hemitripterus americanus_Atl
hippoglossoides platessoides_Atl
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icelus spatula_Atl
illex illecebrosus_Atl
leptagonus decagonus_Atl
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lophius americanus_Atl
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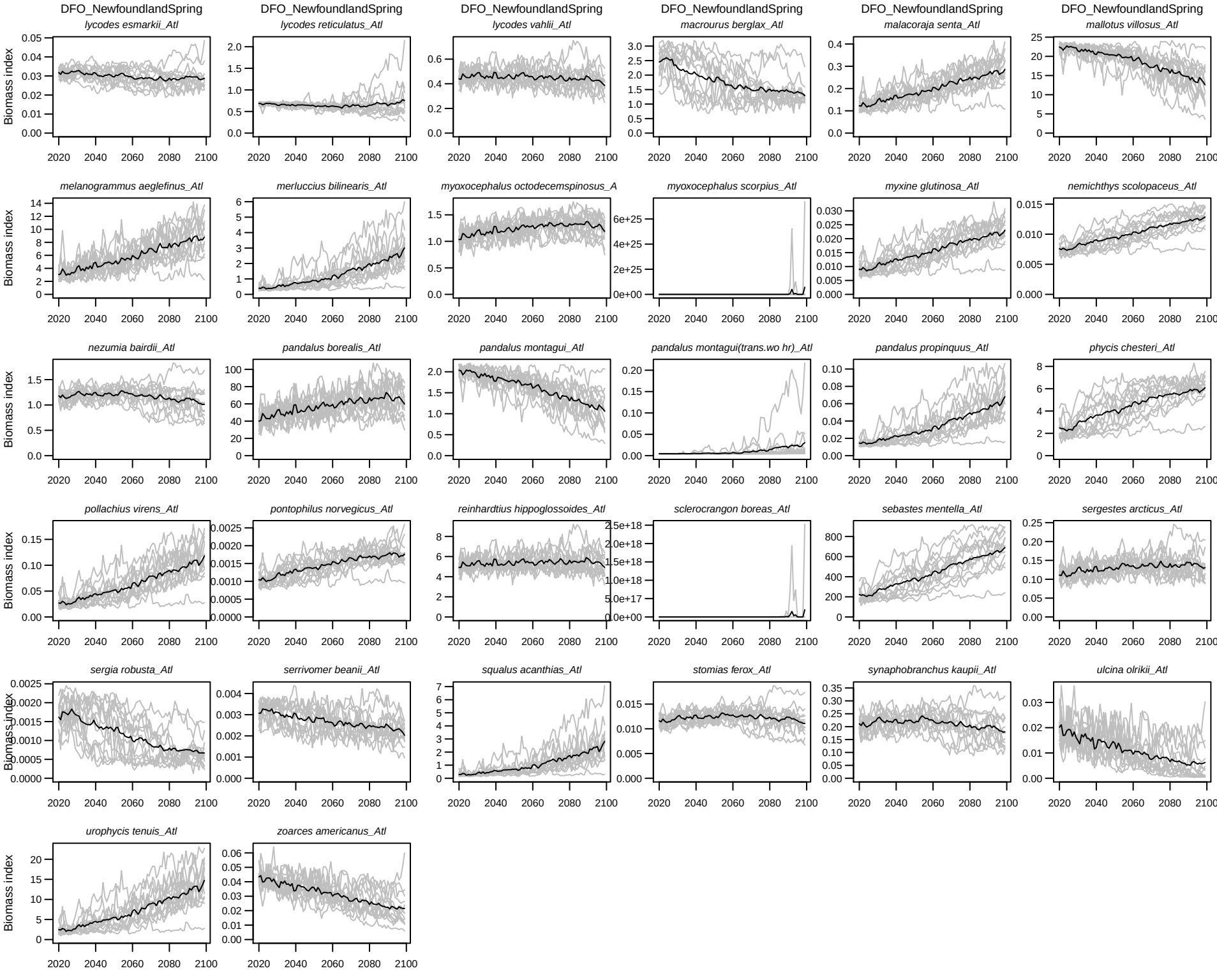
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lycodes vahlii_Atl
macrourus berglax_Atl
malacoraja senta_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
merluccius bilinearis_Atl
myoxocephalus octodecemspinosus_A
myoxocephalus scorpius_Atl
myxine glutinosa_Atl
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
pandalus borealis_Atl
pandalus montagui_Atl
pandalus montagui(trans.wo hr)_Atl
pandalus propinquus_Atl
phycis chesteri_Atl
pollachius virens_Atl
pontophilus norvegicus_Atl
reinhardtius hippoglossoides_Atl
sclerocrangon boreas_Atl
sebastes mentella_Atl
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squalus acanthias_Atl
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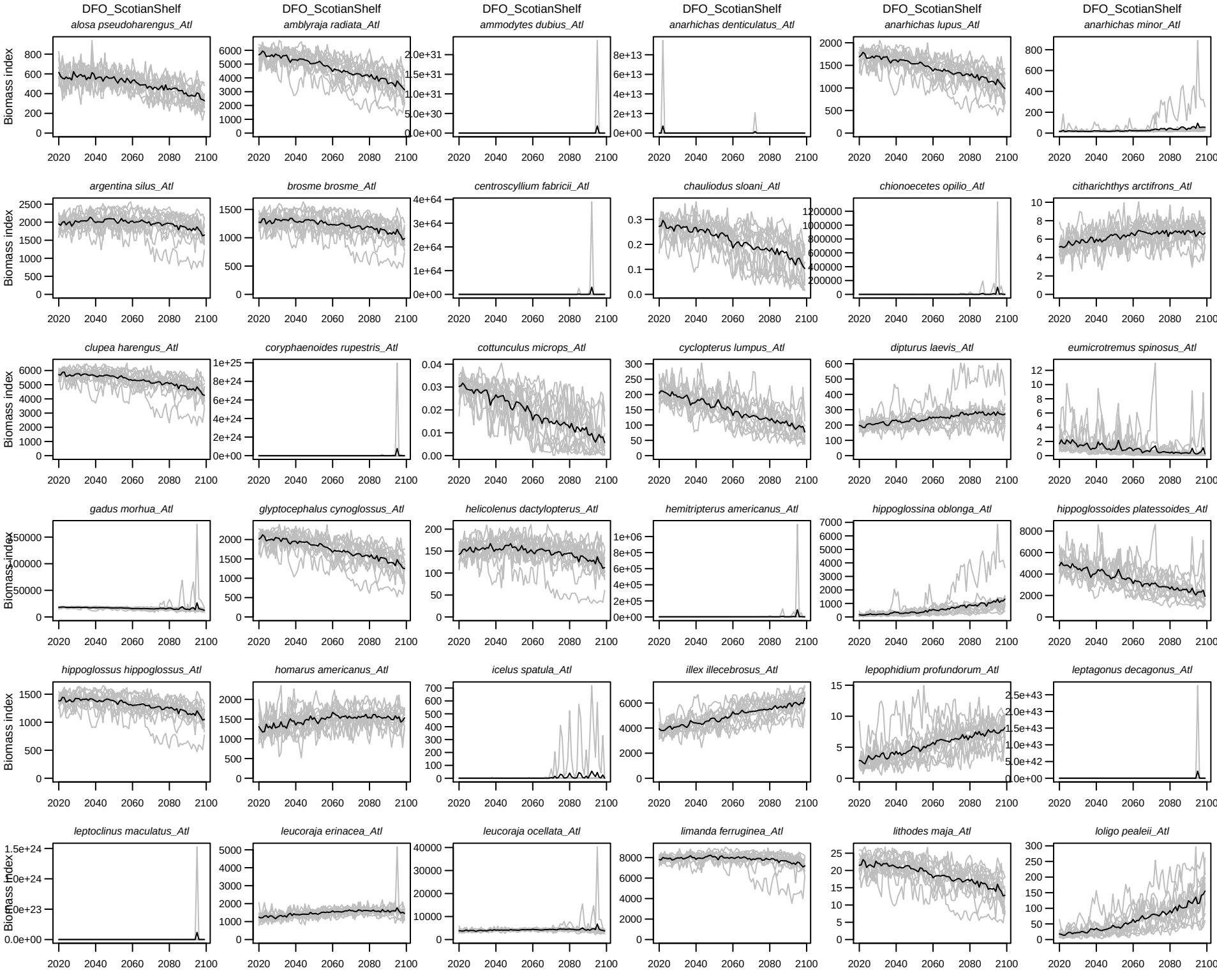
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amblyraja radiata_Atl
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anarhichas denticulatus_Atl
anarhichas lupus_Atl
anarhichas minor_Atl
argentina silus_Atl
brosme brosme_Atl
centroscyllium fabricii_Atl
chauliodus sloani_Atl
chionoecetes opilio_Atl
citharichthys arctifrons_Atl
clupea harengus_Atl
coryphaenoides rupestris_Atl
cottunculus microps_Atl
cyclopterus lumpus_Atl
dipturus laevis_Atl
eumicrotremus spinosus_Atl
gadus morhua_Atl
glyptocephalus cynoglossus_Atl
helicolenus dactylopterus_Atl
hemitripterus americanus_Atl
hippoglossina oblonga_Atl
hippoglossoides platessoides_Atl
hippoglossus hippoglossus_Atl
homarus americanus_Atl
icelus spatula_Atl
illex illecebrosus_Atl
lepophidium profundorum_Atl
leptagonus decagonus_Atl
leptoclinus maculatus_Atl
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leucoraja ocellata_Atl
limanda ferruginea_Atl
lithodes maja_Atl
loligo pealeii_Atl
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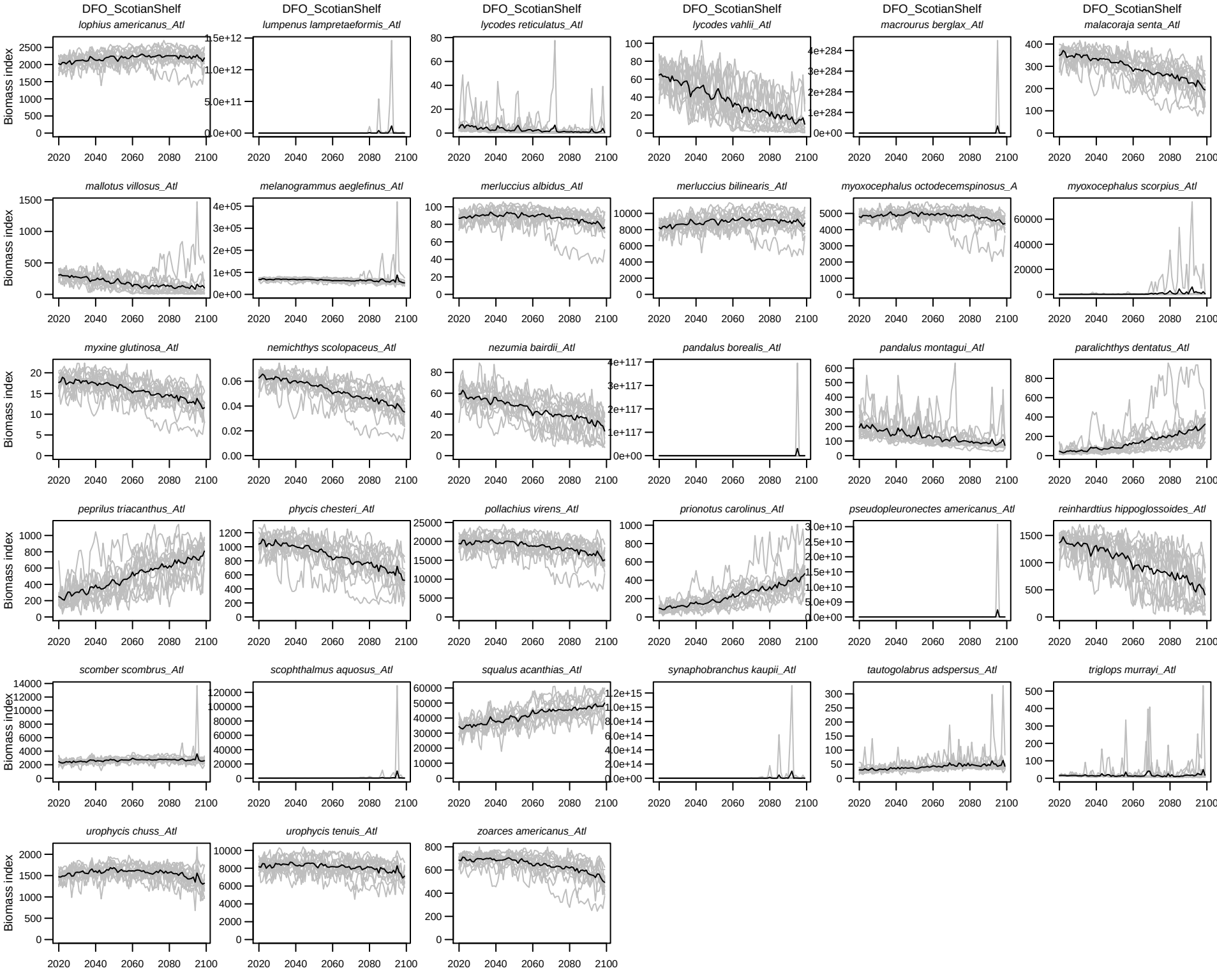
DFO_ScotianShelf
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lumpenus lampretaeformis_Atl
lycodes reticulatus_Atl
lycodes vahlii_Atl
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malacoraja senta_Atl
mallotus villosus_Atl
melanogrammus aeglefinus_Atl
merluccius albidus_Atl
merluccius bilinearis_Atl
myoxocephalus octodecemspinosus_A
myoxocephalus scorpius_Atl
myxine glutinosa_Atl
nemichthys scolopaceus_Atl
nezumia bairdii_Atl
pandalus borealis_Atl
pandalus montagui_Atl
paralichthys dentatus_Atl
peprilus triacanthus_Atl
phycis chesteri_Atl
pollachius virens_Atl
prionotus carolinus_Atl
pseudopleuronectes americanus_Atl
reinhardtius hippoglossoides_Atl
scomber scombrus_Atl
scophthalmus aquosus_Atl
squalus acanthias_Atl
synaphobranchus kaupii_Atl
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urophycis chuss_Atl
urophycis tenuis_Atl
zoarces americanus_Atl
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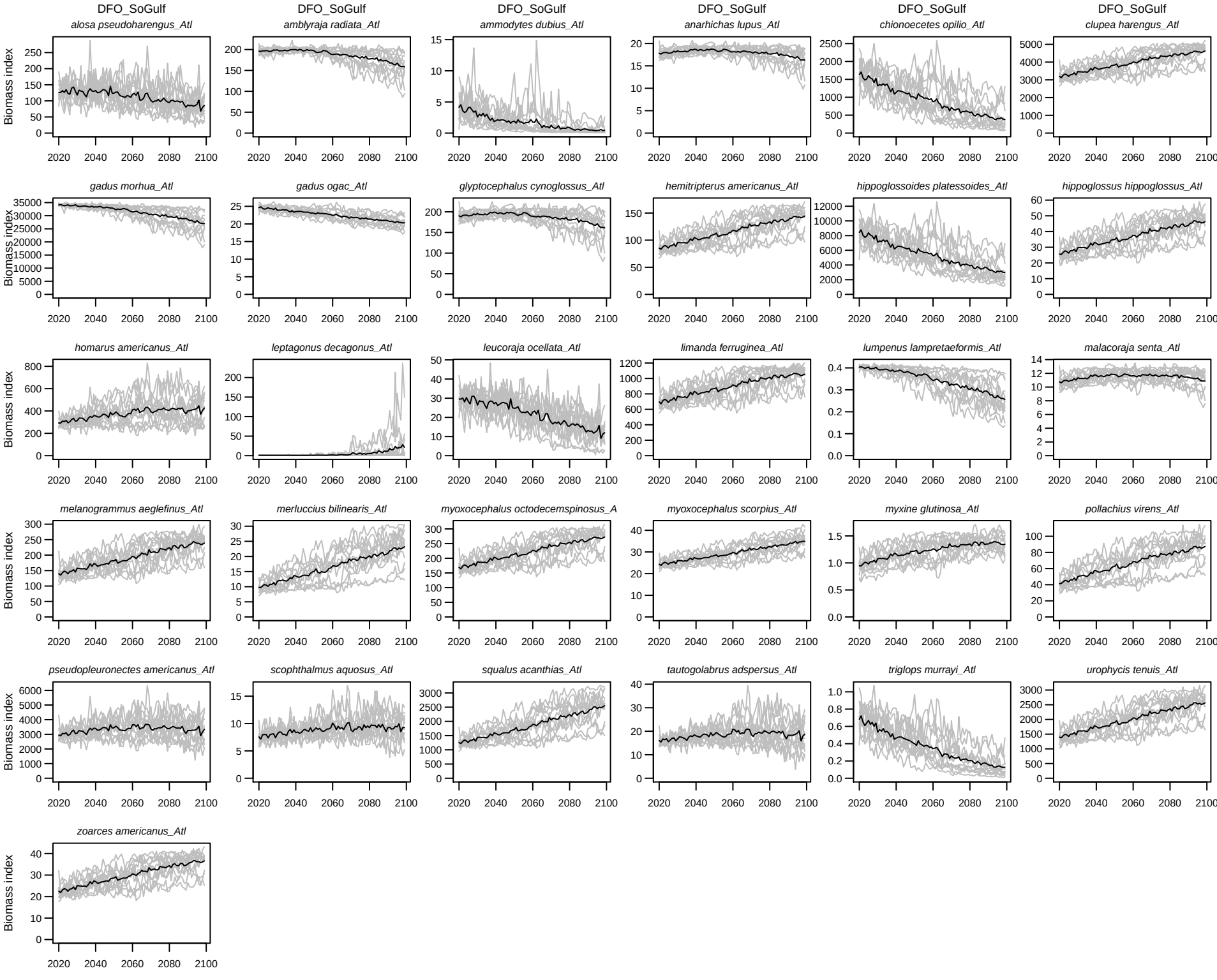
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chionoecetes opilio_Atl
clupea harengus_Atl
gadus morhua_Atl
gadus ogac_Atl
glyptocephalus cynoglossus_Atl
hemitripterus americanus_Atl
hippoglossoides platessoides_Atl
hippoglossus hippoglossus_Atl
homarus americanus_Atl
leptagonus decagonus_Atl
leucoraja ocellata_Atl
limanda ferruginea_Atl
lumpenus lampretaeformis_Atl
malacoraja senta_Atl
melanogrammus aeglefinus_Atl
merluccius bilinearis_Atl
myoxocephalus octodecemspinosus_A
myoxocephalus scorpius_Atl
myxine glutinosa_Atl
pollachius virens_Atl
pseudopleuronectes americanus_Atl
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squalus acanthias_Atl
tautogolabrus adspersus_Atl
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urophycis tenuis_Atl
zoarces americanus_Atl
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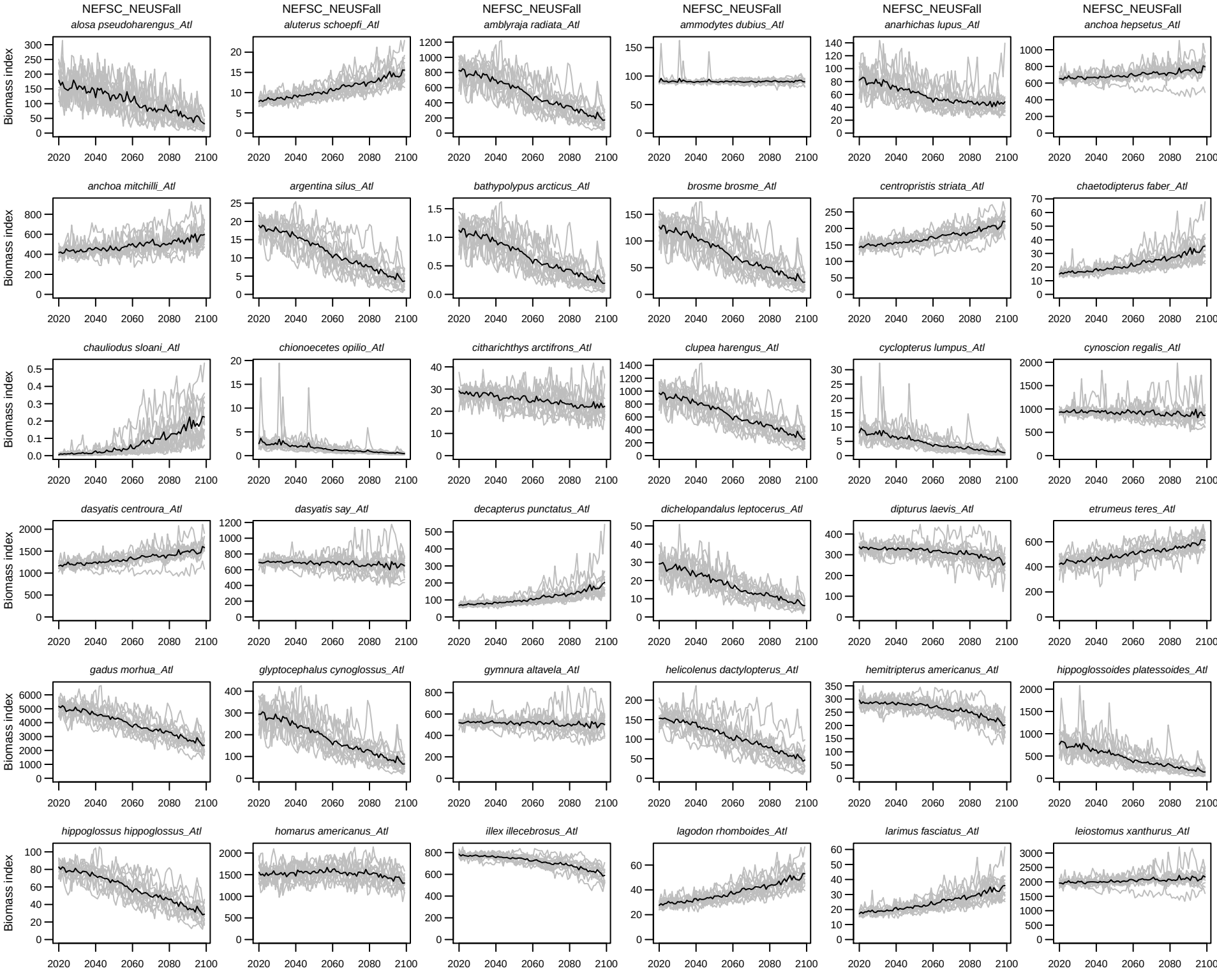
NEFSC_NEUSFall
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ammodytes dubius_Atl
anarhichas lupus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
argentina silus_Atl
bathypolypus arcticus_Atl
brosme brosme_Atl
centropristis striata_Atl
chaetodipterus faber_Atl
chauliodus sloani_Atl
chionoecetes opilio_Atl
citharichthys arctifrons_Atl
clupea harengus_Atl
cyclopterus lumpus_Atl
cynoscion regalis_Atl
dasyatis centroura_Atl
dasyatis say_Atl
decapterus punctatus_Atl
dichelopandalus leptocerus_Atl
dipturus laevis_Atl
etrumeus teres_Atl
gadus morhua_Atl
glyptocephalus cynoglossus_Atl
gymnura altavela_Atl
helicolenus dactylopterus_Atl
hemitripterus americanus_Atl
hippoglossoides platessoides_Atl
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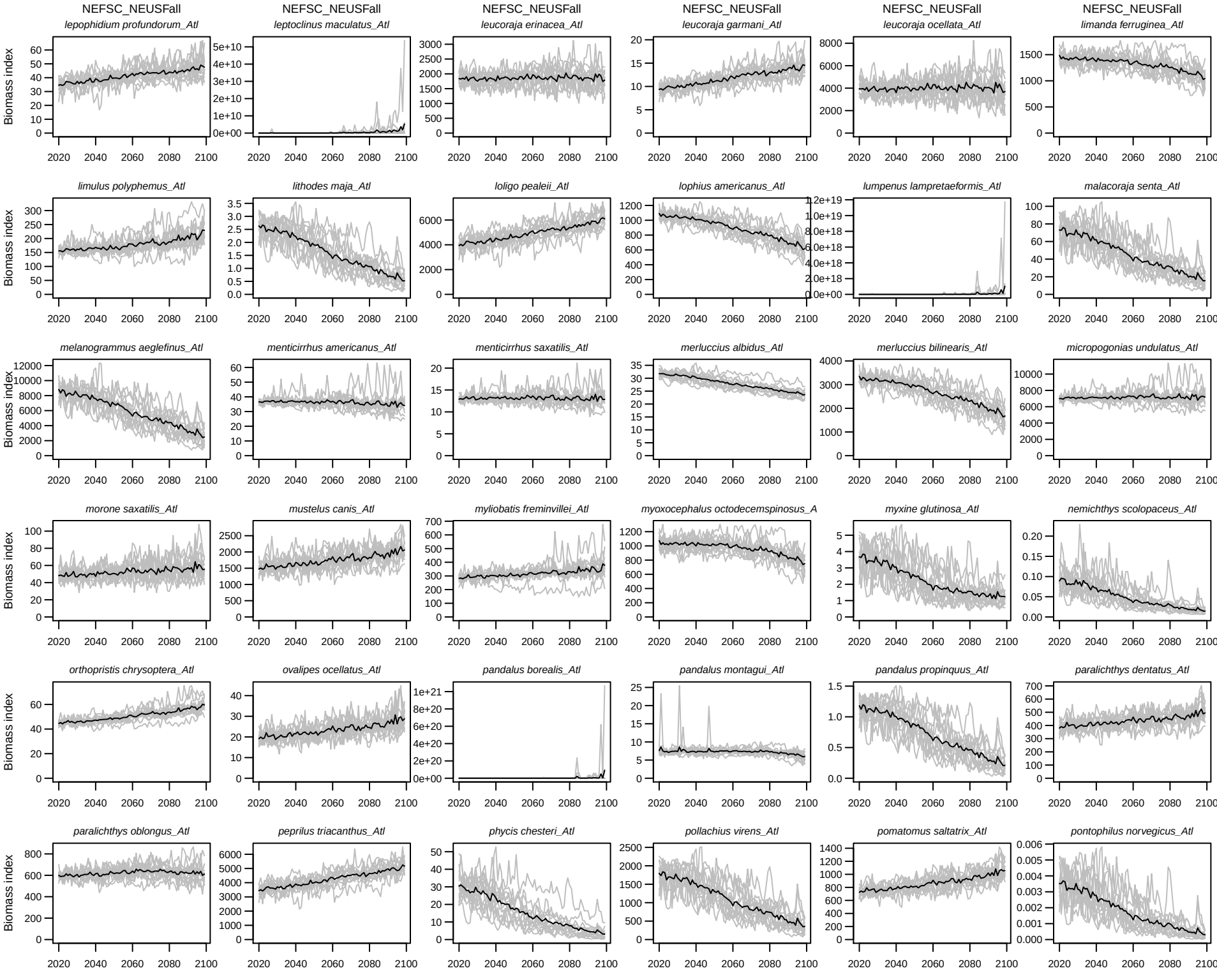
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leucoraja garmani_Atl
leucoraja ocellata_Atl
limanda ferruginea_Atl
limulus polyphemus_Atl
lithodes maja_Atl
loligo pealeii_Atl
lophius americanus_Atl
lumpenus lampretaeformis_Atl
malacoraja senta_Atl
melanogrammus aeglefinus_Atl
menticirrhus americanus_Atl
menticirrhus saxatilis_Atl
merluccius albidus_Atl
merluccius bilinearis_Atl
micropogonias undulatus_Atl
morone saxatilis_Atl
mustelus canis_Atl
myliobatis freminvillei_Atl
myoxocephalus octodecemspinosus_A
myxine glutinosa_Atl
nemichthys scolopaceus_Atl
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pandalus propinquus_Atl
paralichthys dentatus_Atl
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peprilus triacanthus_Atl
phycis chesteri_Atl
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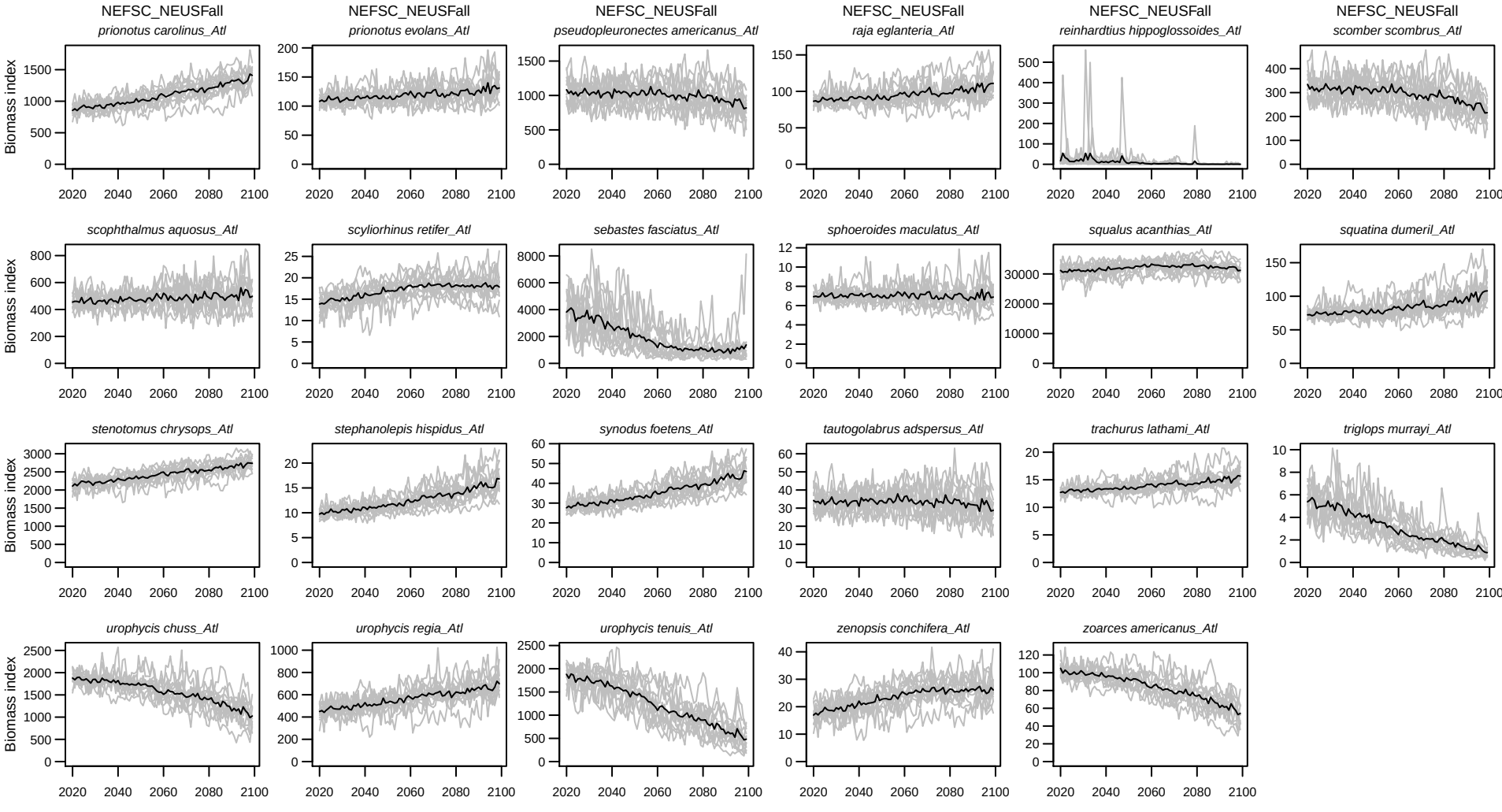
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raja eglanteria_Atl
reinhardtius hippoglossoides_Atl
scomber scombrus_Atl
scophthalmus aquosus_Atl
scyliorhinus retifer_Atl
sebastes fasciatus_Atl
sphoeroides maculatus_Atl
squalus acanthias_Atl
squatina dumeril_Atl
stenotomus chrysops_Atl
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synodus foetens_Atl
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trachurus lathami_Atl
triglops murrayi_Atl
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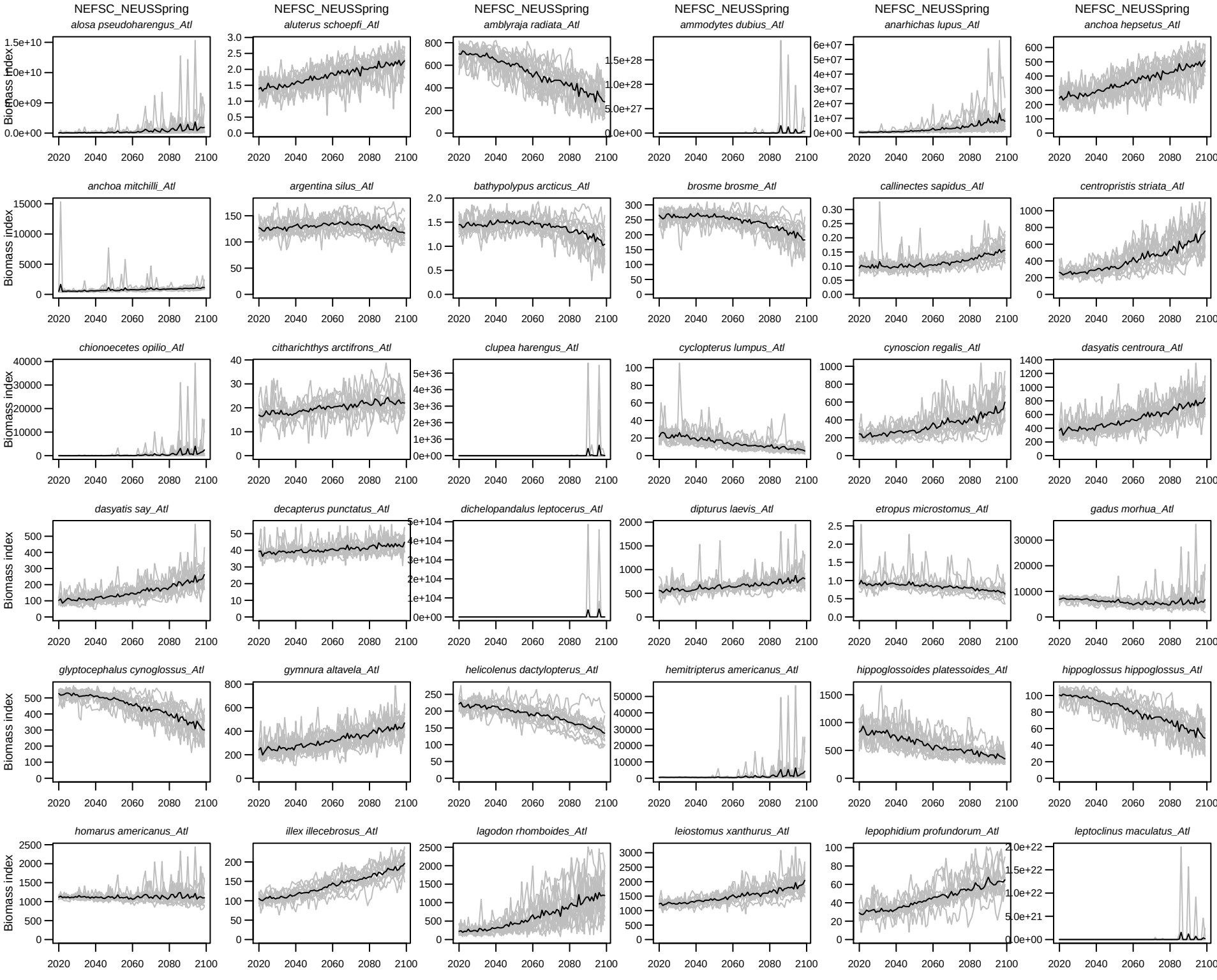
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amblyraja radiata_Atl
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anarhichas lupus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
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bathypolypus arcticus_Atl
brosme brosme_Atl
callinectes sapidus_Atl
centropristis striata_Atl
chionoecetes opilio_Atl
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clupea harengus_Atl
cyclopterus lumpus_Atl
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dasyatis centroura_Atl
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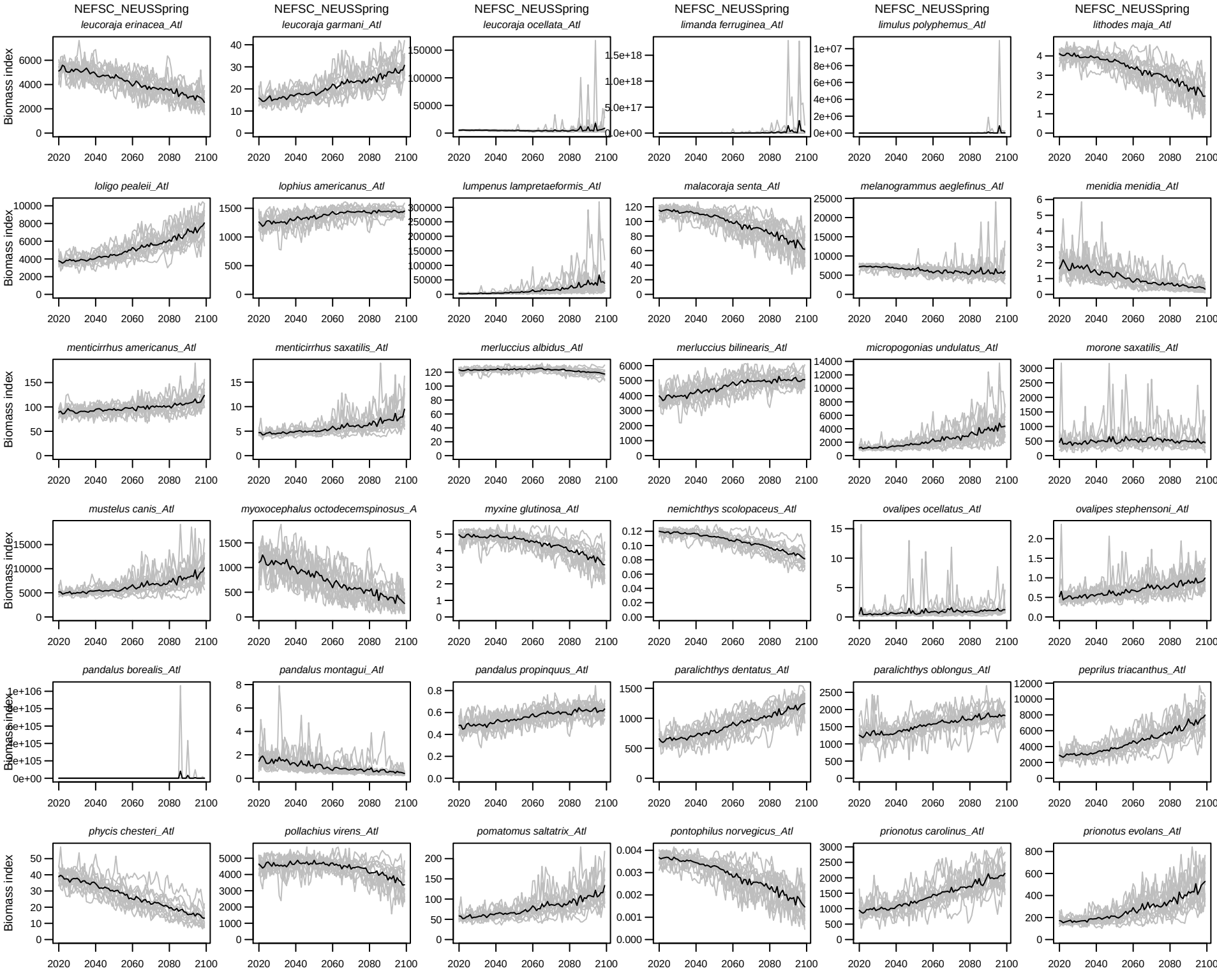
NEFSC_NEUSSpring
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limulus polyphemus_Atl
lithodes maja_Atl
loligo pealeii_Atl
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mustelus canis_Atl
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myxine glutinosa_Atl
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ovalipes ocellatus_Atl
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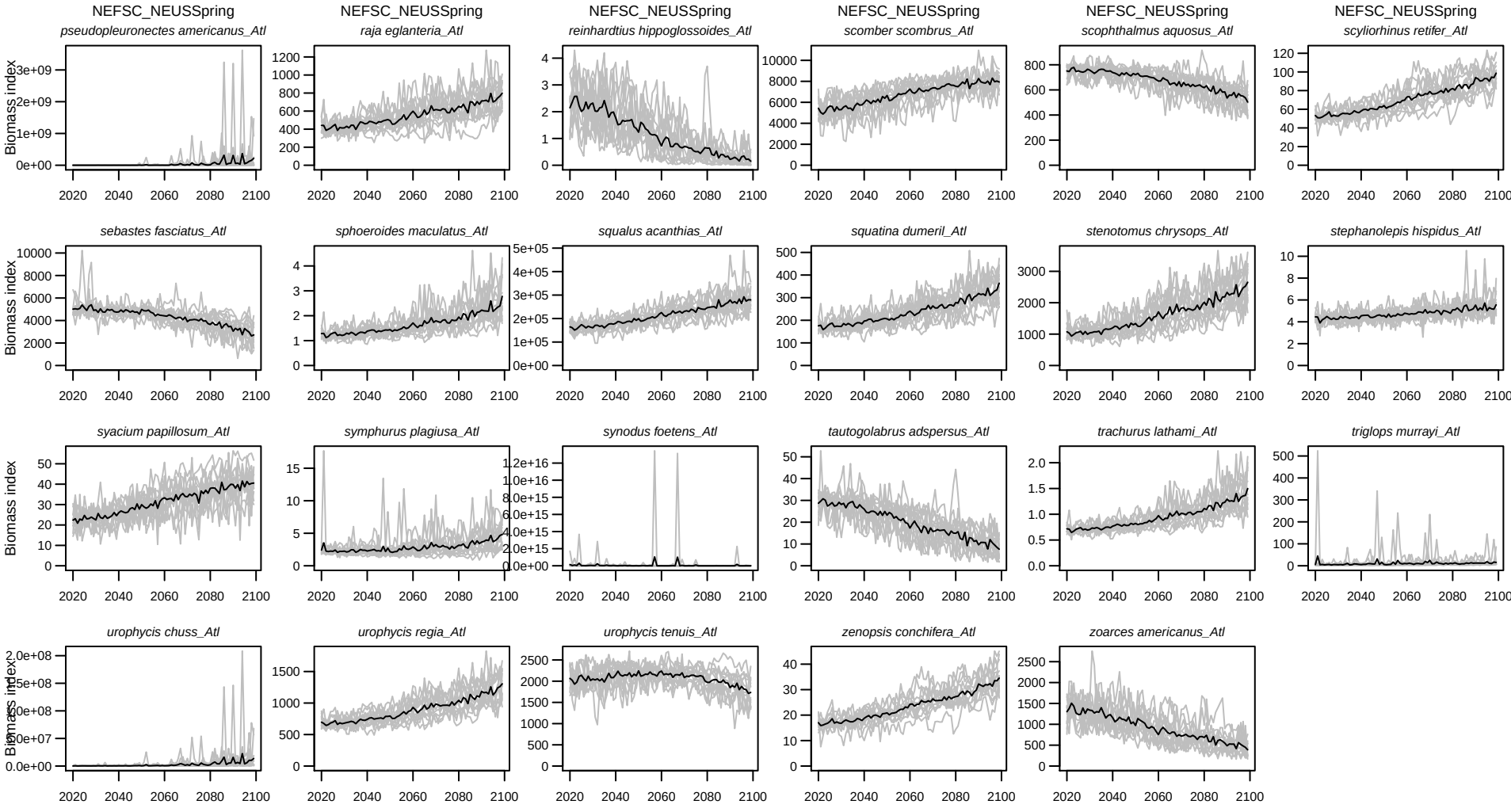
Biomass index


NEFSC_NEUSSpring
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raja eglanteria_Atl
reinhardtius hippoglossoides_Atl
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scyliorhinus retifer_Atl
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sphoeroides maculatus_Atl
squalus acanthias_Atl
squatina dumeril_Atl
stenotomus chrysops_Atl
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syacium papillosum_Atl
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synodus foetens_Atl
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trachurus lathami_Atl
triglops murrayi_Atl
urophycis chuss_Atl
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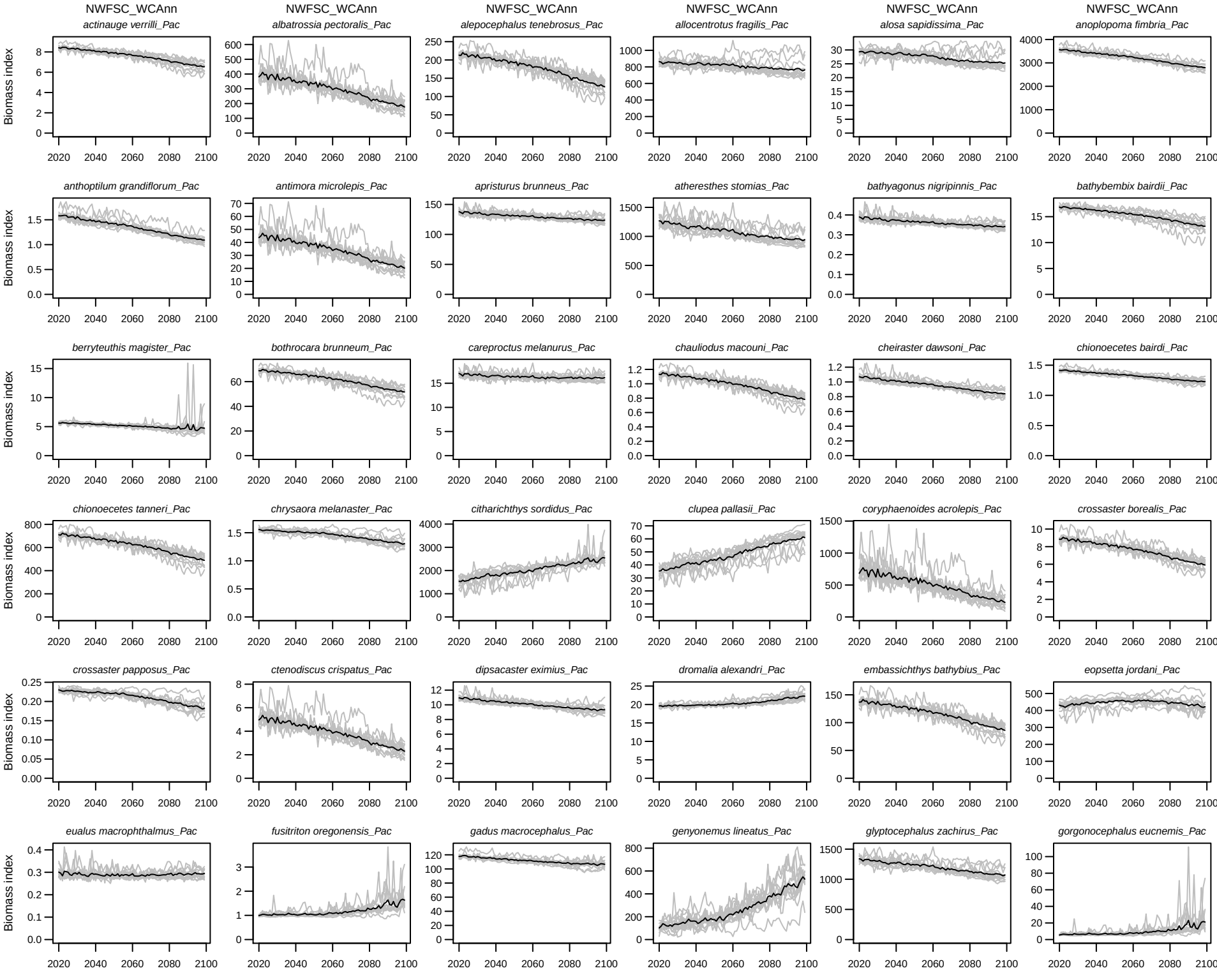
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allocentrotus fragilis_Pac
alosa sapidissima_Pac
anoplopoma fimbria_Pac
anthoptilum grandiflorum_Pac
antimora microlepis_Pac
apristurus brunneus_Pac
atheresthes stomias_Pac
bathyagonus nigripinnis_Pac
bathybembix bairdii_Pac
berryteuthis magister_Pac
bothrocara brunneum_Pac
careproctus melanurus_Pac
chauliodus macouni_Pac
cheiraster dawsoni_Pac
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clupea pallasii_Pac
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crossaster borealis_Pac
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eualus macrophthalmus_Pac
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gadus macrocephalus_Pac
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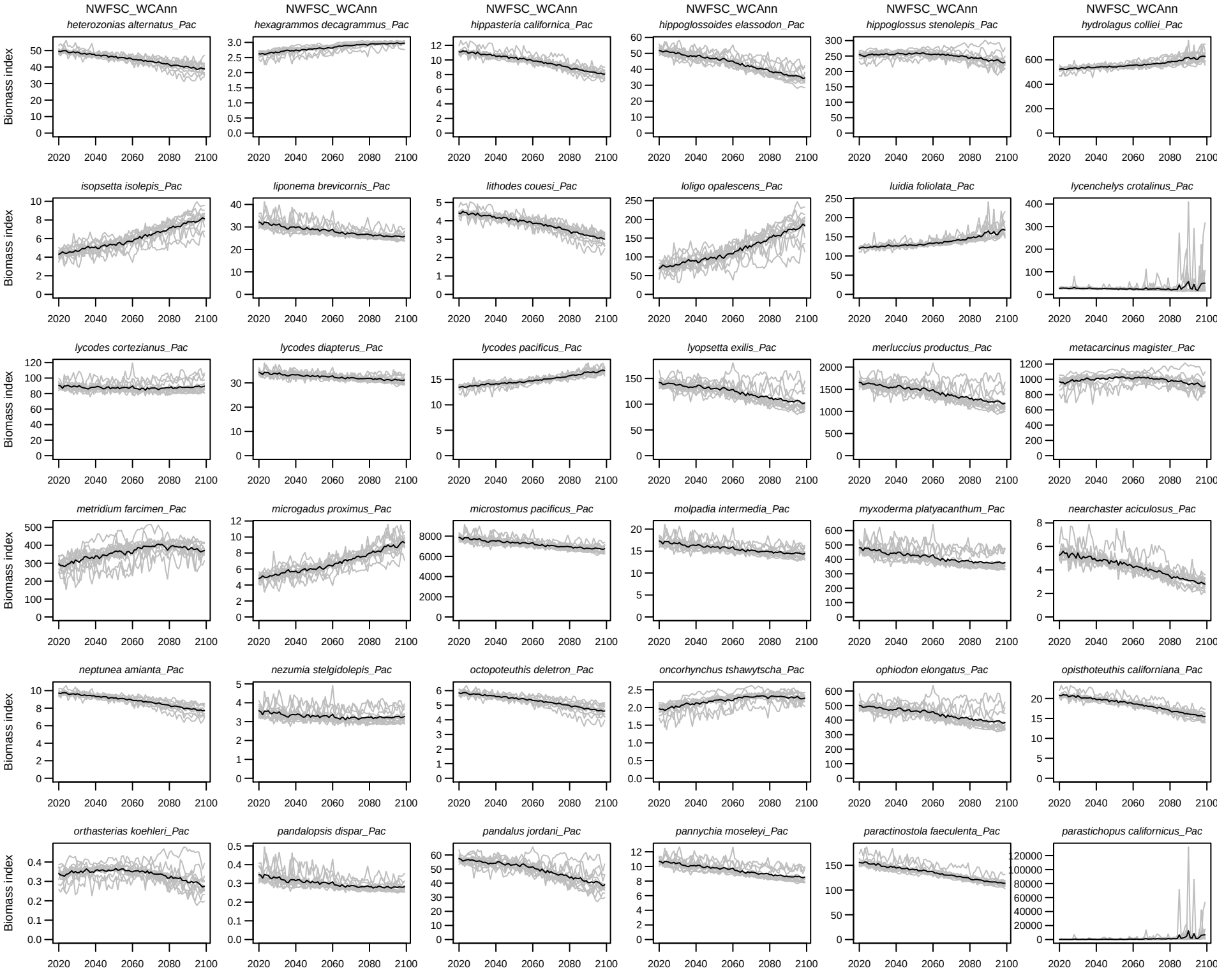
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hippasteria californica_Pac
hippoglossoides elassodon_Pac
hippoglossus stenolepis_Pac
hydrolagus colliei_Pac
isopsetta isolepis_Pac
liponema brevicornis_Pac
lithodes couesi_Pac
loligo opalescens_Pac
luidia foliolata_Pac
lycenchelys crotalinus_Pac
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lycodes pacificus_Pac
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merluccius productus_Pac
metacarcinus magister_Pac
metridium farcimen_Pac
microgadus proximus_Pac
microstomus pacificus_Pac
molpadia intermedia_Pac
myxoderma platyacanthum_Pac
nearchaster aciculosus_Pac
neptunea amianta_Pac
nezumia stelgidolepis_Pac
octopoteuthis deletron_Pac
oncorhynchus tshawytscha_Pac
ophiodon elongatus_Pac
opisthoteuthis californiana_Pac
orthasterias koehleri_Pac
pandalopsis dispar_Pac
pandalus jordani_Pac
pannychia moseleyi_Pac
paractinostola faeculenta_Pac
parastichopus californicus_Pac
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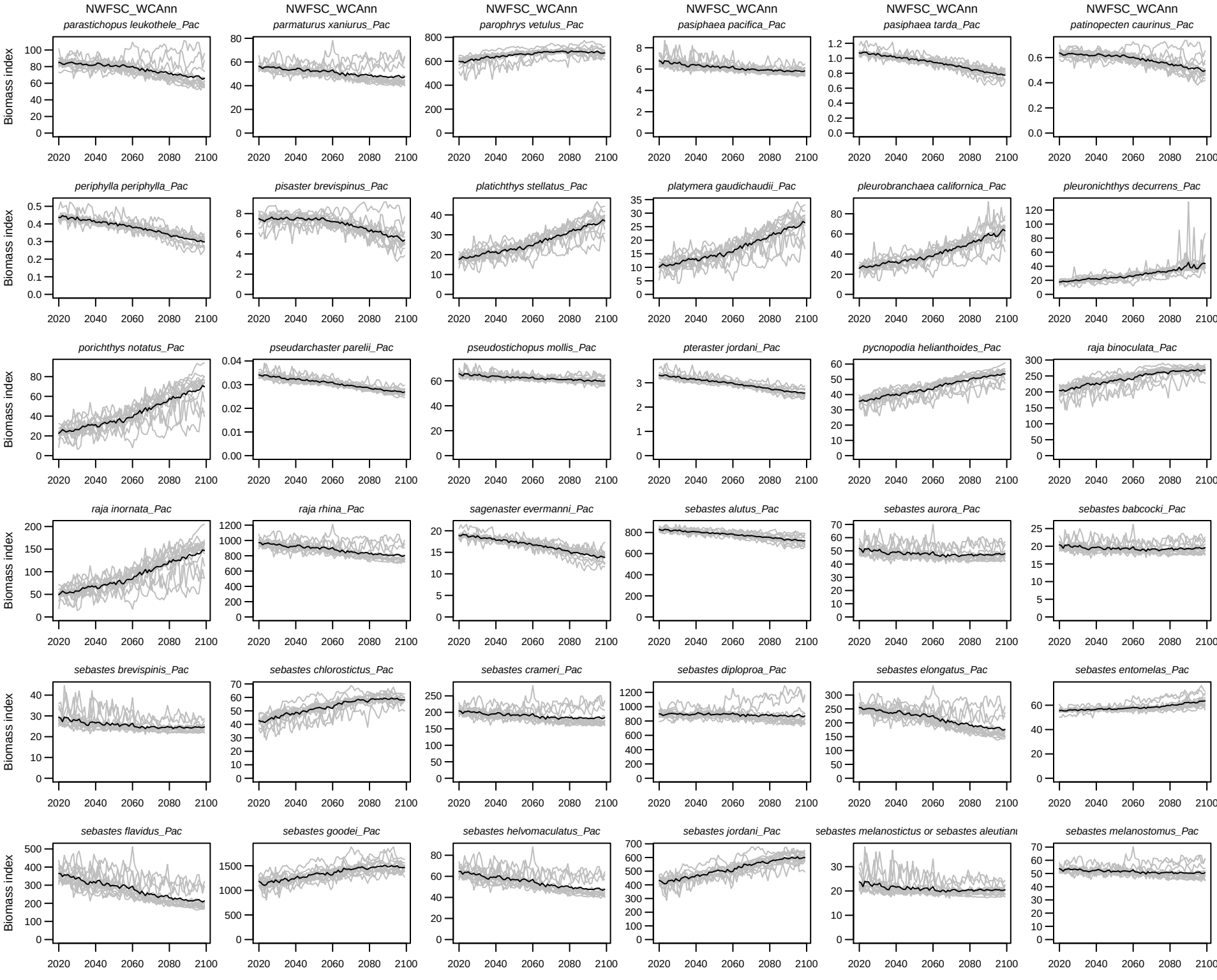
NWFSC_WCAnn
parastichopus leukothele_Pac
parmaturus xaniurus_Pac
parophrys vetulus_Pac
pasiphaea pacifica_Pac
pasiphaea tarda_Pac
patinopecten caurinus_Pac
periphylla periphylla_Pac
pisaster brevispinus_Pac
platichthys stellatus_Pac
platymera gaudichaudii_Pac
pleurobranchaea californica_Pac
pleuronichthys decurrens_Pac
porichthys notatus_Pac
pseudarchaster parelii_Pac
pseudostichopus mollis_Pac
pteraster jordani_Pac
pycnopodia helianthoides_Pac
raja binoculata_Pac
raja inornata_Pac
raja rhina_Pac
sagenaster evermanni_Pac
sebastes alutus_Pac
sebastes aurora_Pac
sebastes babcocki_Pac
sebastes brevispinis_Pac
sebastes chlorostictus_Pac
sebastes crameri_Pac
sebastes diploproa_Pac
sebastes elongatus_Pac
sebastes entomelas_Pac
sebastes flavidus_Pac
sebastes goodei_Pac
sebastes helvomaculatus_Pac
sebastes jordani_Pac
sebastes melanostictus or sebastes aleutian
sebastes melanostomus_Pac
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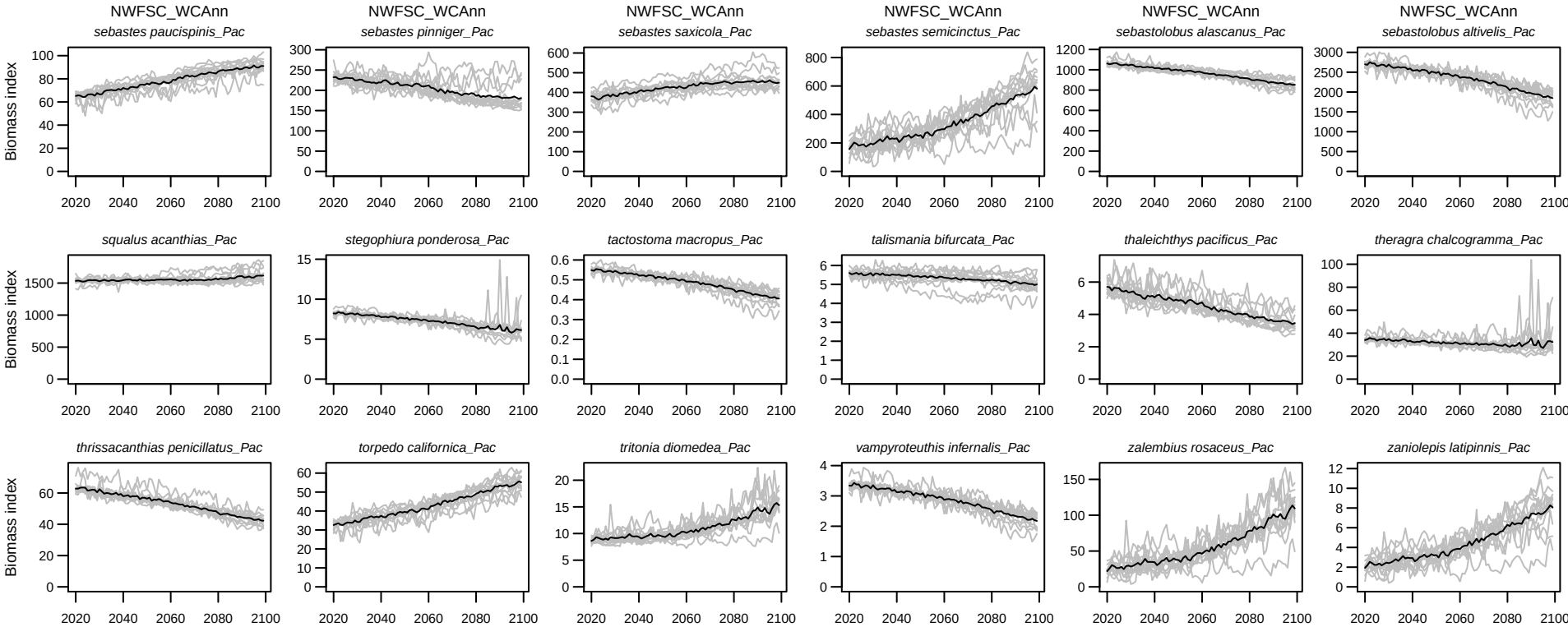
NWFSC_WCAnn
sebastes paucispinis_Pac
sebastes pinniger_Pac
sebastes saxicola_Pac
sebastes semicinctus_Pac
sebastolobus alascanus_Pac
sebastolobus altivelis_Pac
squalus acanthias_Pac
stegophiura ponderosa_Pac
tactostoma macropus_Pac
talismania bifurcata_Pac
thaleichthys pacificus_Pac
theragra chalcogramma_Pac
thrissacanthias penicillatus_Pac
torpedo californica_Pac
tritonia diomedea_Pac
vampyroteuthis infernalis_Pac
zalembius rosaceus_Pac
zaniolepis latipinnis_Pac
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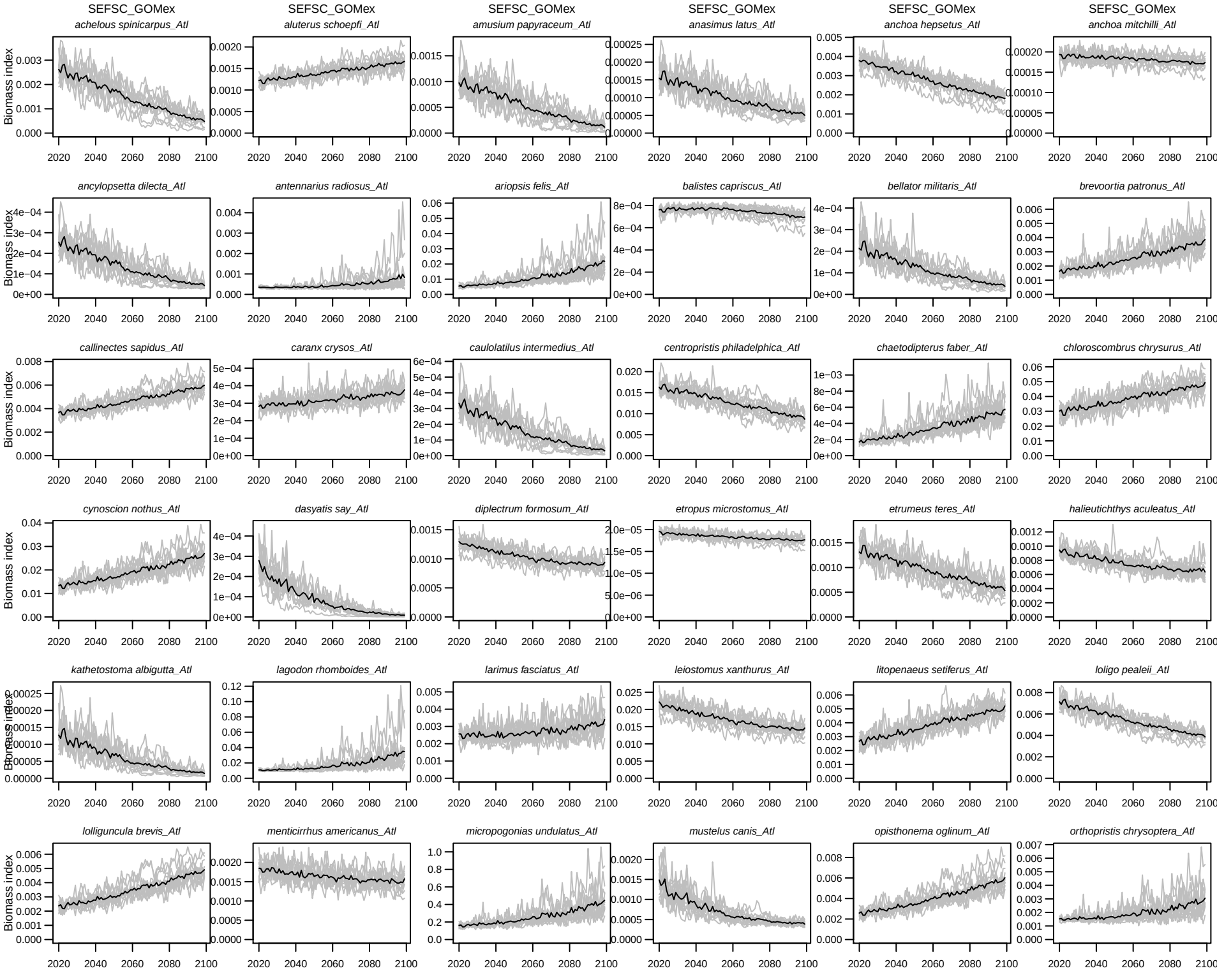
SEFSC_GOMex
achelous spinicarpus_Atl
aluterus schoepfi_Atl
amusium papyraceum_Atl
anasimus latus_Atl
anchoa hepsetus_Atl
anchoa mitchilli_Atl
ancylopsetta dilecta_Atl
antennarius radiosus_Atl
ariopsis felis_Atl
balistes capriscus_Atl
bellator militaris_Atl
brevoortia patronus_Atl
callinectes sapidus_Atl
caranx crysos_Atl
caulolatilus intermedius_Atl
centropristis philadelphica_Atl
chaetodipterus faber_Atl
chloroscombrus chrysurus_Atl
cynoscion nothus_Atl
dasyatis say_Atl
diplectrum formosum_Atl
etropus microstomus_Atl
etrumeus teres_Atl
halieutichthys aculeatus_Atl
kathetostoma albigutta_Atl
lagodon rhomboides_Atl
larimus fasciatus_Atl
leiostomus xanthurus_Atl
litopenaeus setiferus_Atl
loligo pealeii_Atl
lolliguncula brevis_Atl
menticirrhus americanus_Atl
micropogonias undulatus_Atl
mustelus canis_Atl
opisthonema oglinum_Atl
orthopristis chrysoptera_Atl
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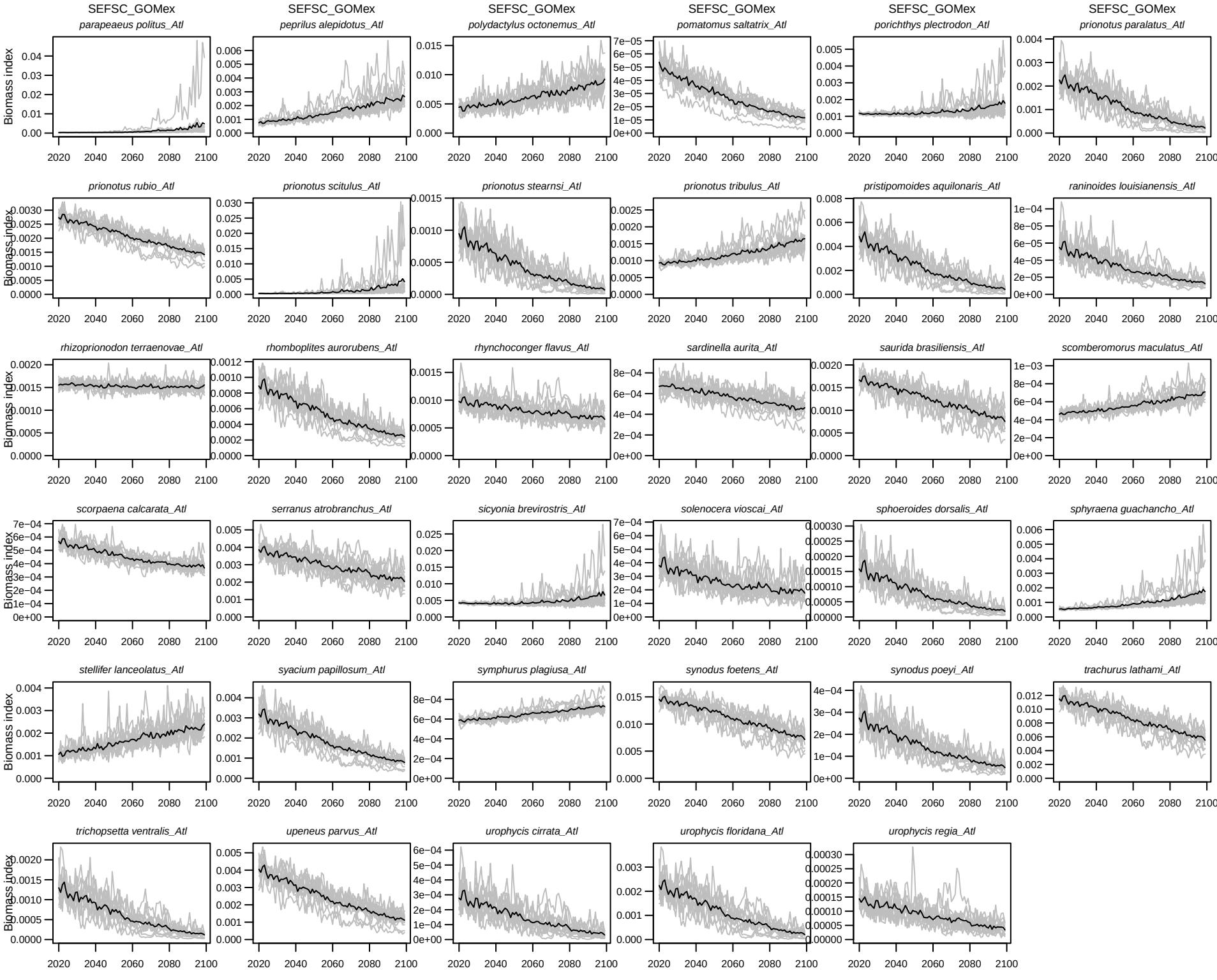
SEFSC_GOMex
parapeaeus politus_Atl
peprilus alepidotus_Atl
polydactylus octonemus_Atl
pomatomus saltatrix_Atl
porichthys plectrodon_Atl
prionotus paralatus_Atl
prionotus rubio_Atl
prionotus scitulus_Atl
prionotus stearnsi_Atl
prionotus tribulus_Atl
pristipomoides aquilonaris_Atl
raninoides louisianensis_Atl
rhizoprionodon terraenovae_Atl
rhomboplites aurorubens_Atl
rhynchoconger flavus_Atl
sardinella aurita_Atl
saurida brasiliensis_Atl
scomberomorus maculatus_Atl
scorpaena calcarata_Atl
serranus atrobranchus_Atl
sicyonia brevirostris_Atl
solenocera vioscai_Atl
sphoeroides dorsalis_Atl
sphyraena guachancho_Atl
stellifer lanceolatus_Atl
syacium papillosum_Atl
symphurus plagiusa_Atl
synodus foetens_Atl
synodus poeyi_Atl
trachurus lathami_Atl
trichopsetta ventralis_Atl
upeneus parvus_Atl
urophycis cirrata_Atl
urophycis floridana_Atl
urophycis regia_Atl
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