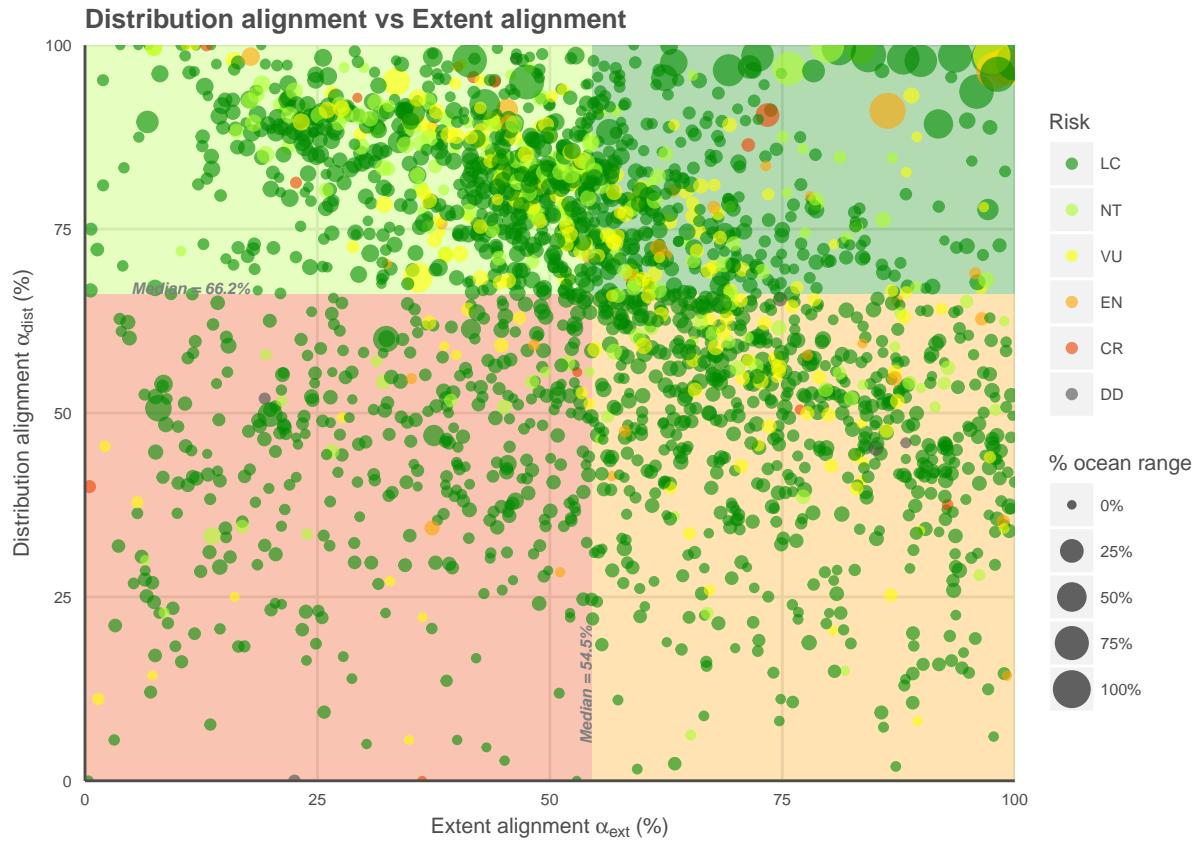
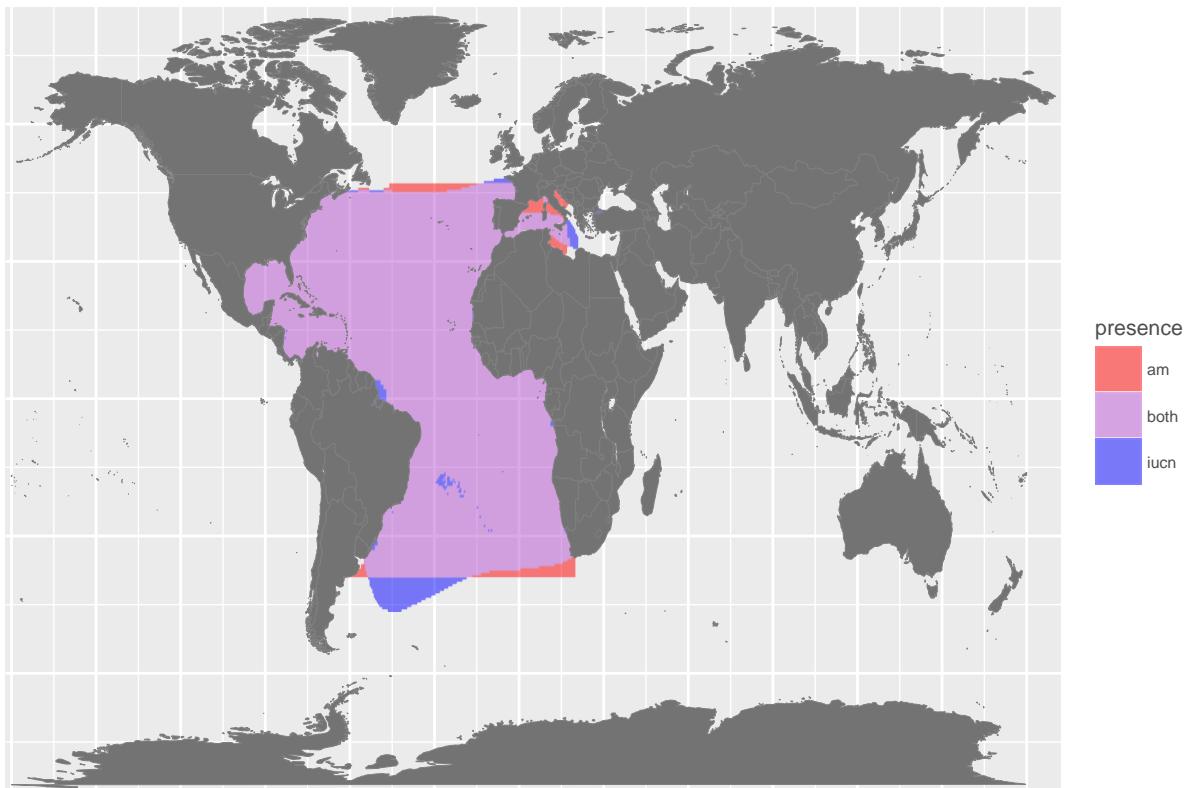


Data Exploration quad maps: IUCN and AquaMaps

Quadrant map and quad breakdown by taxa and risk

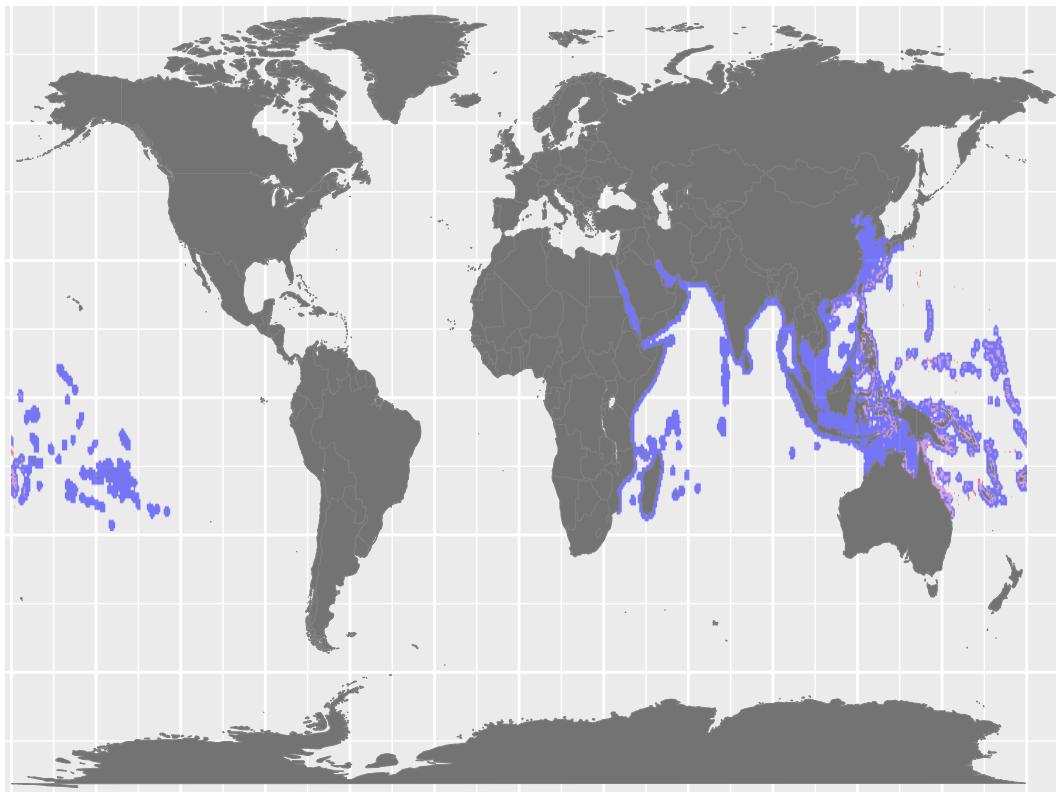


q1: *Kajikia albida*



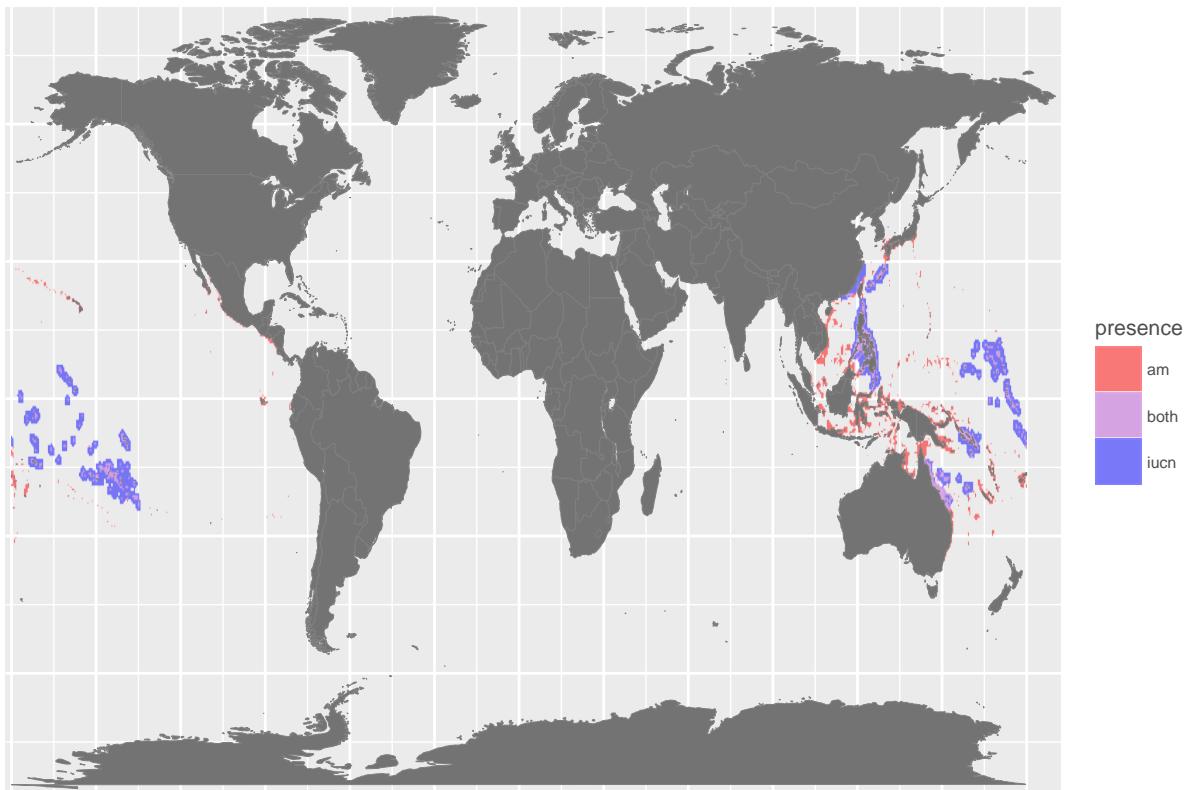
presence
am
both
iucn

q2: *Conus episcopatus*

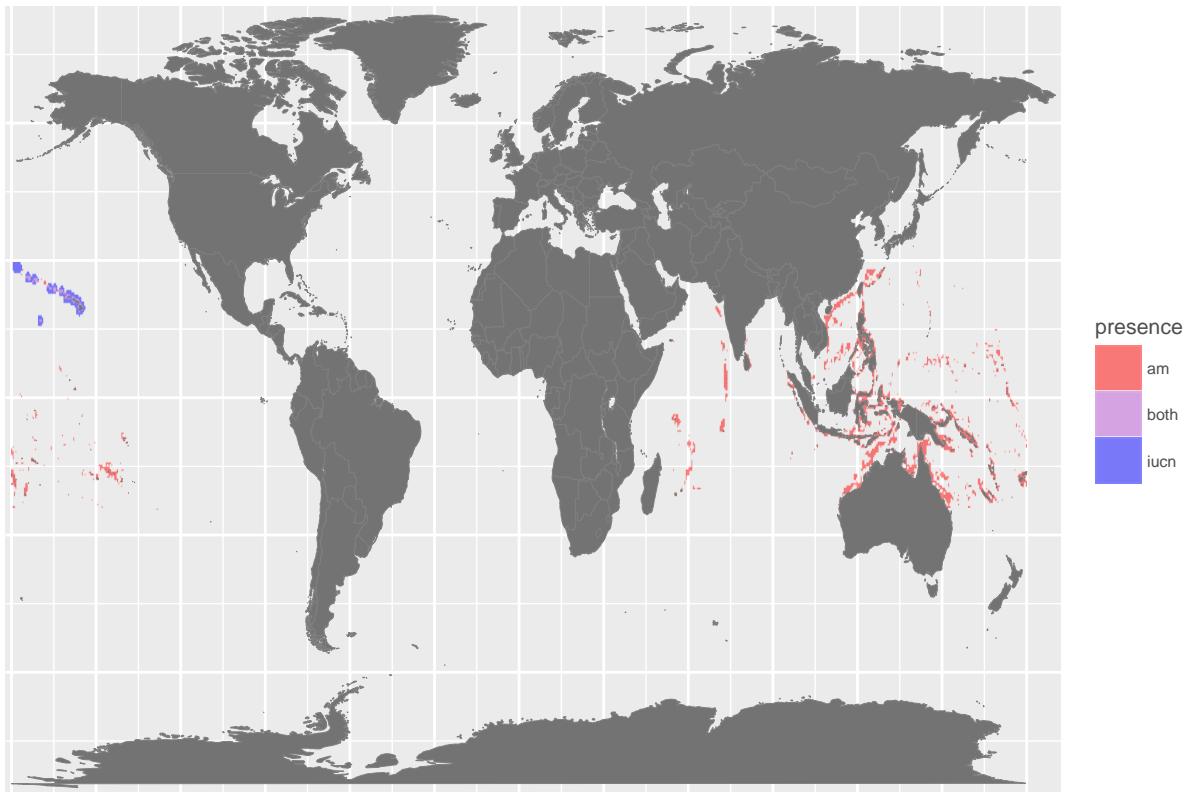


presence
am
both
iucn

q3: *Conus magnificus*

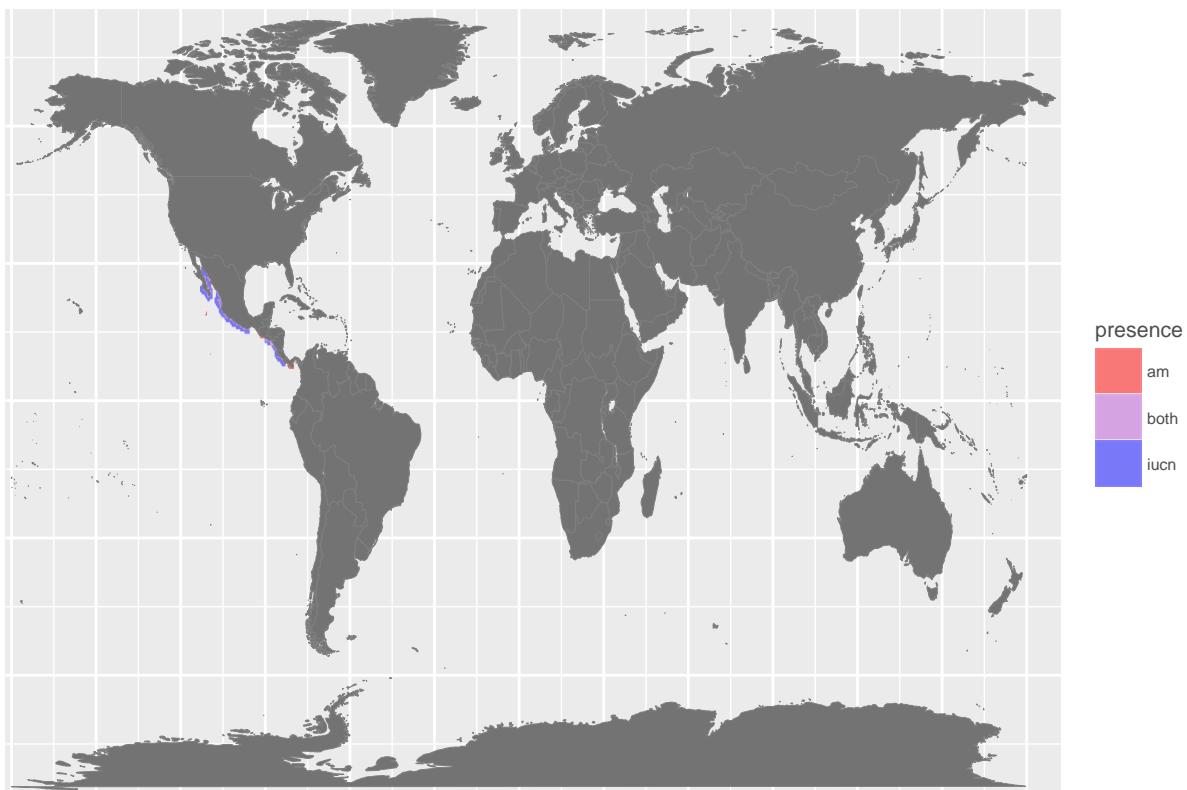


q4: *Acanthurus nigrofasciatus*

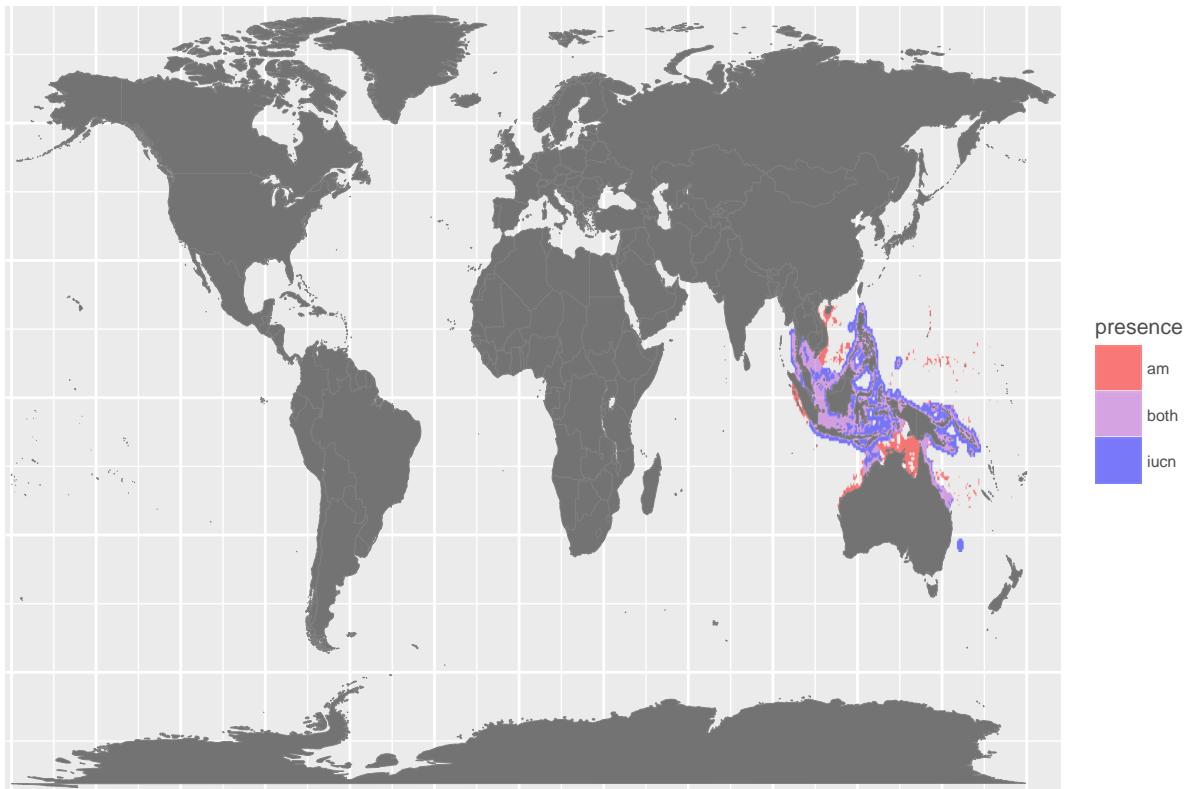


Plotting species from q1 (well-matched) (see [data_explore_quadmaps.html](#) for plots)

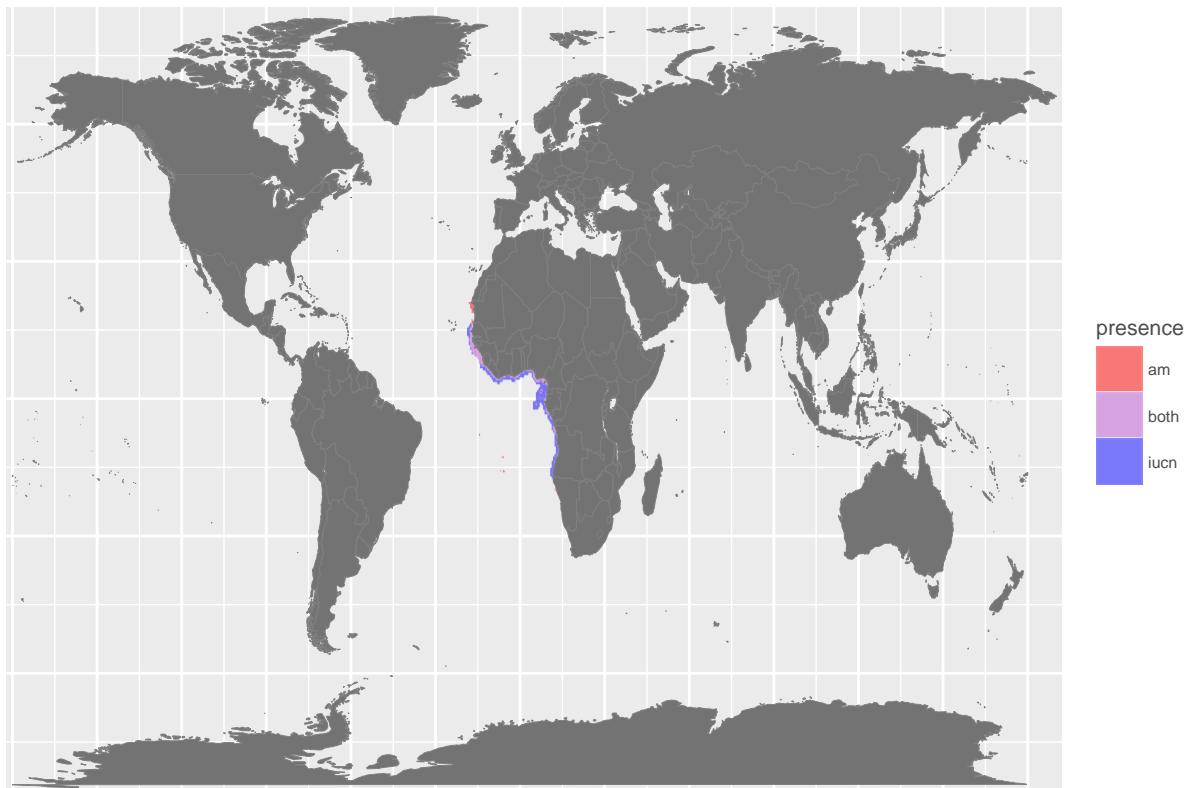
Abudefduf declivifrons (Damselfish), quadrant 1: Distribution align: 67.8%, Extent align: 60.7%



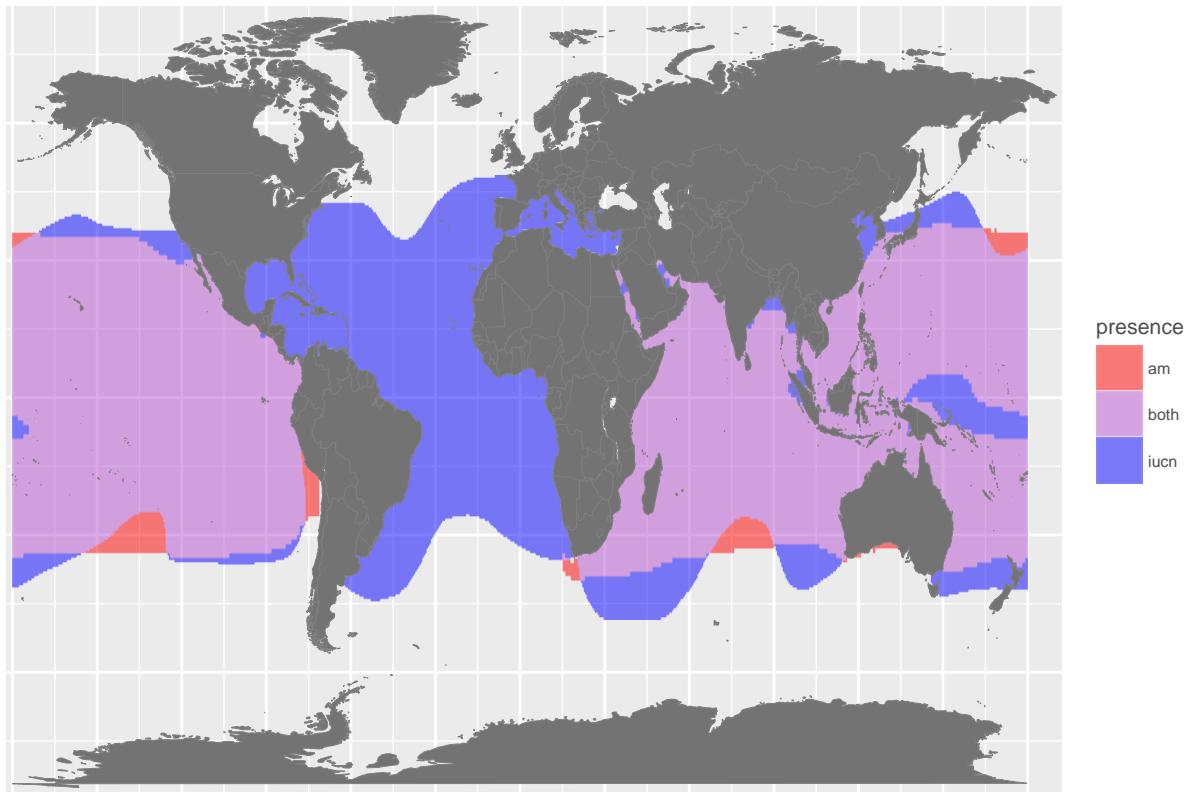
Cephalopholis cyanostigma (Groupers), quadrant 1: Distribution align: 71.1%, Extent align: 81.9%



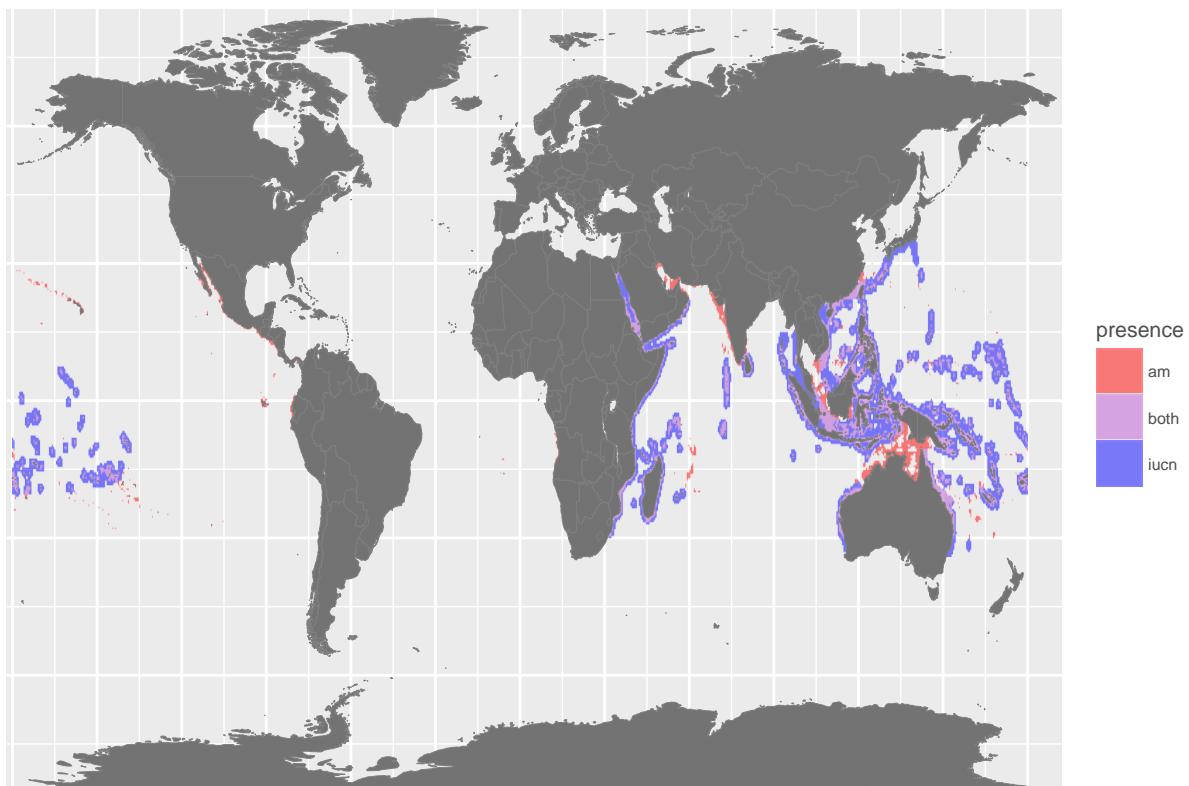
Elops lacerta (Bonefish/Tarpons), quadrant 1: Distribution align: 82.8%, Extent align: 60.6%



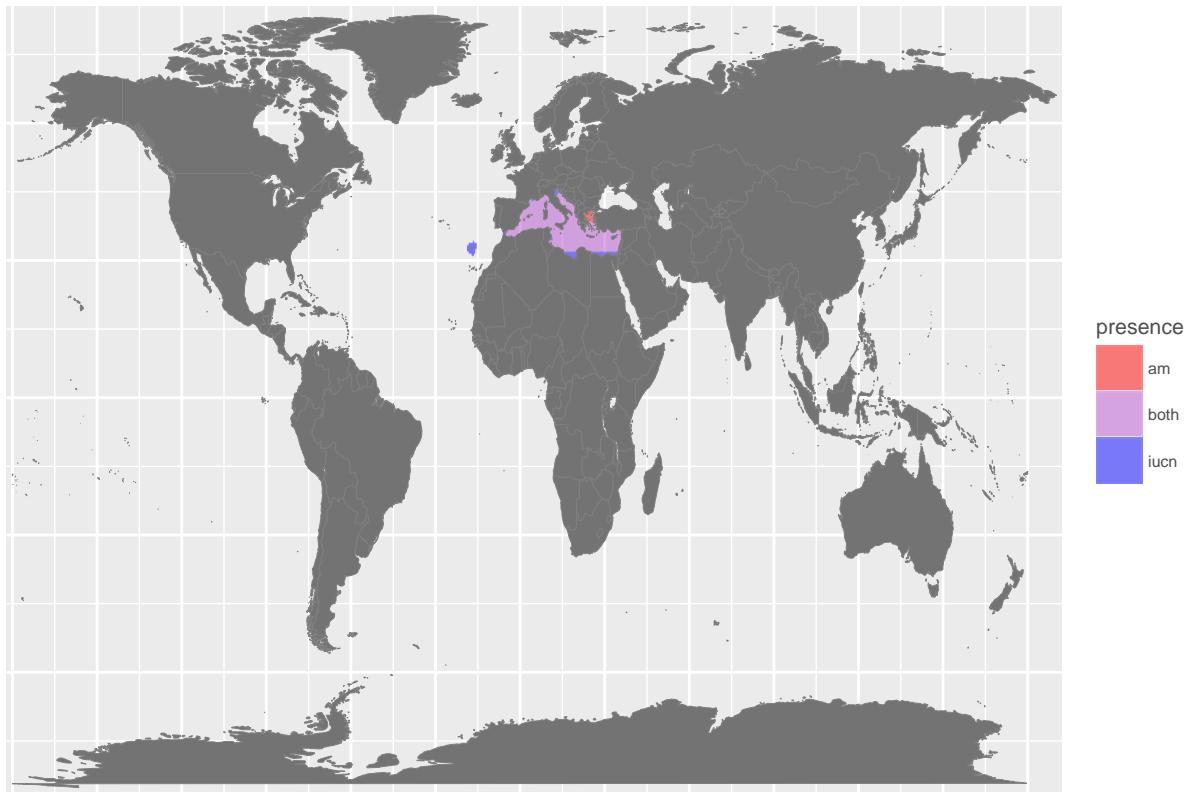
Istiophorus platypterus (Tunas/Billfishes), quadrant 1: Distribution align: 96.6%, Extent align: 69.1



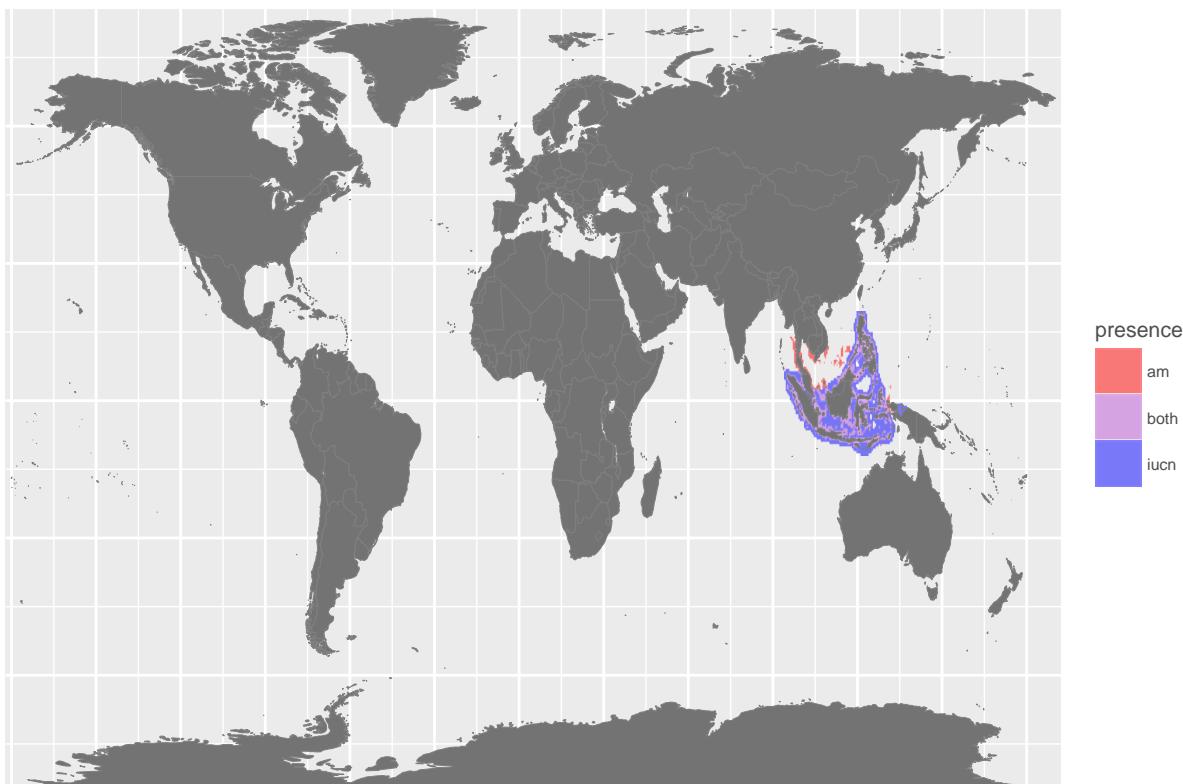
Plagiotremus rhinorhynchos (Blenniidae), quadrant 1: Distribution align: 68.9%, Extent align: 54.7



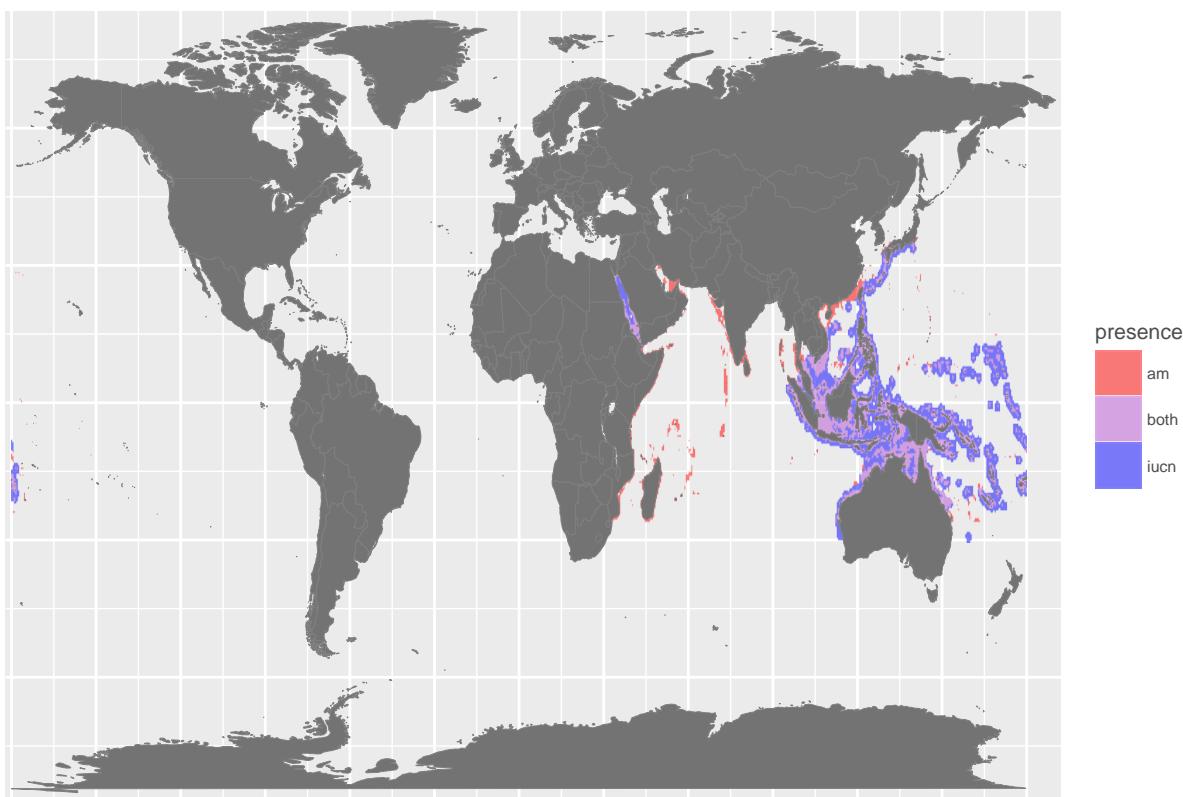
Tetrapturus belone (Tunas/Billfishes), quadrant 1: Distribution align: 95.6%, Extent align: 93.2%



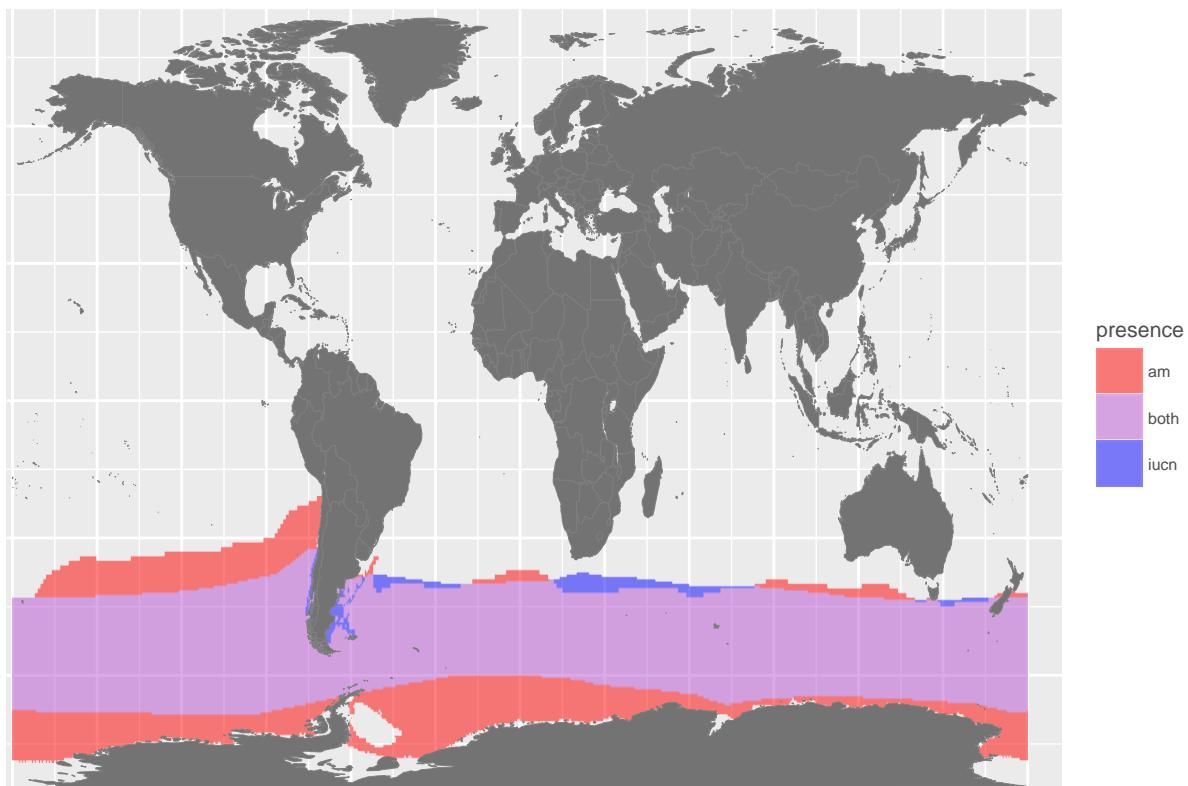
Montipora setosa (Corals 1), quadrant 1: Distribution align: 80.2%, Extent align: 63.3%



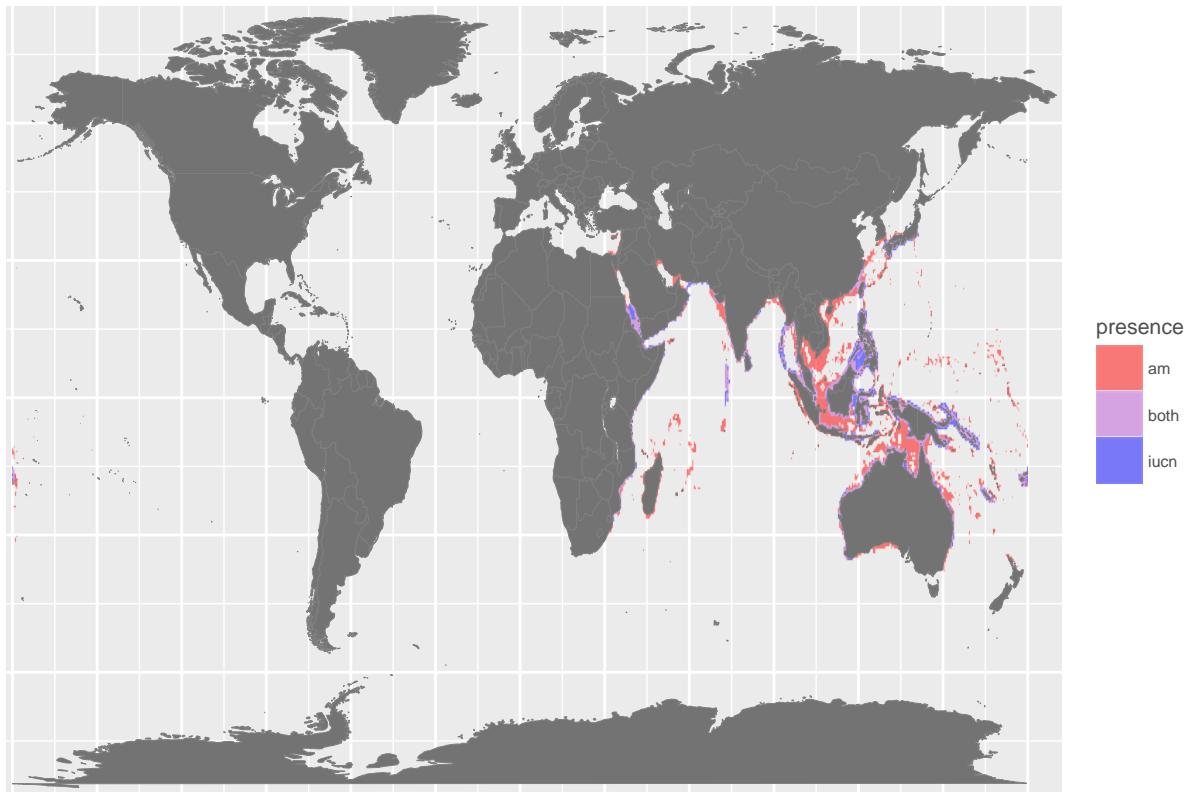
Blastomussa wellsi (Corals 2), quadrant 1: Distribution align: 70.2%, Extent align: 68.7%



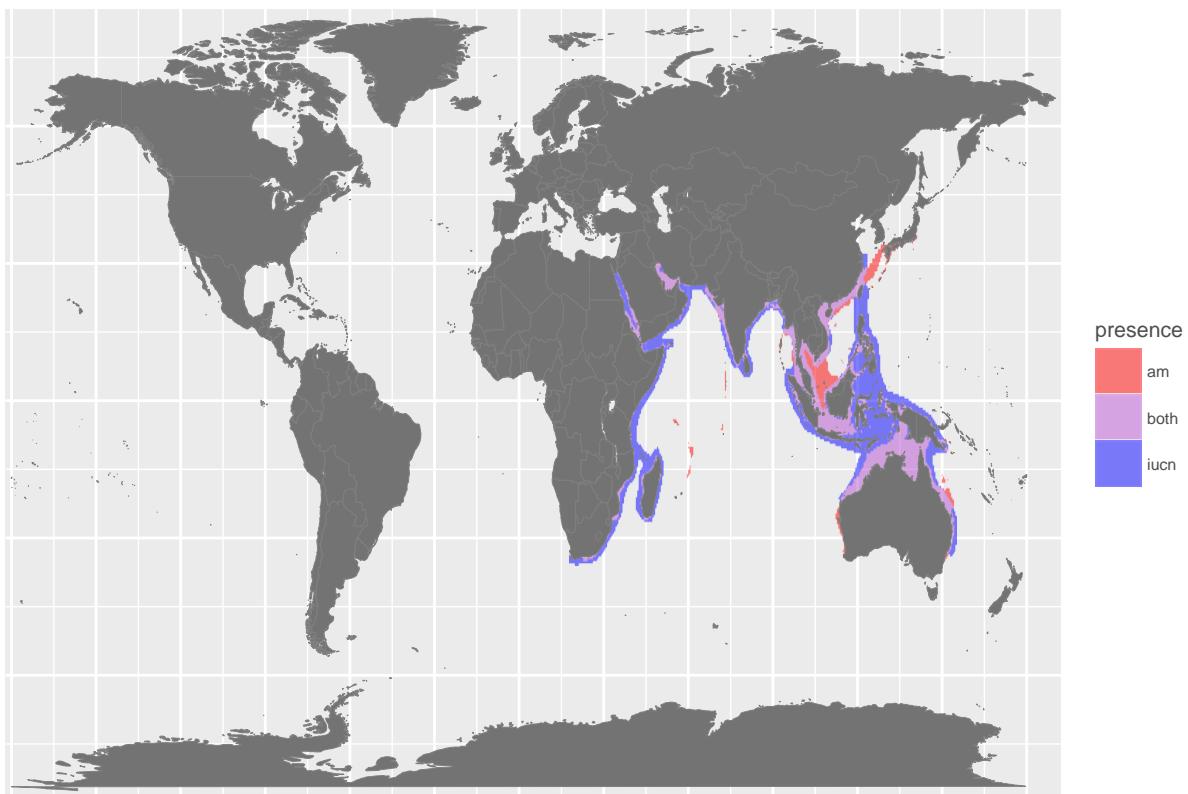
Lagenorhynchus cruciger (Marine Mammals), quadrant 1: Distribution align: 96.5%, Extent align:



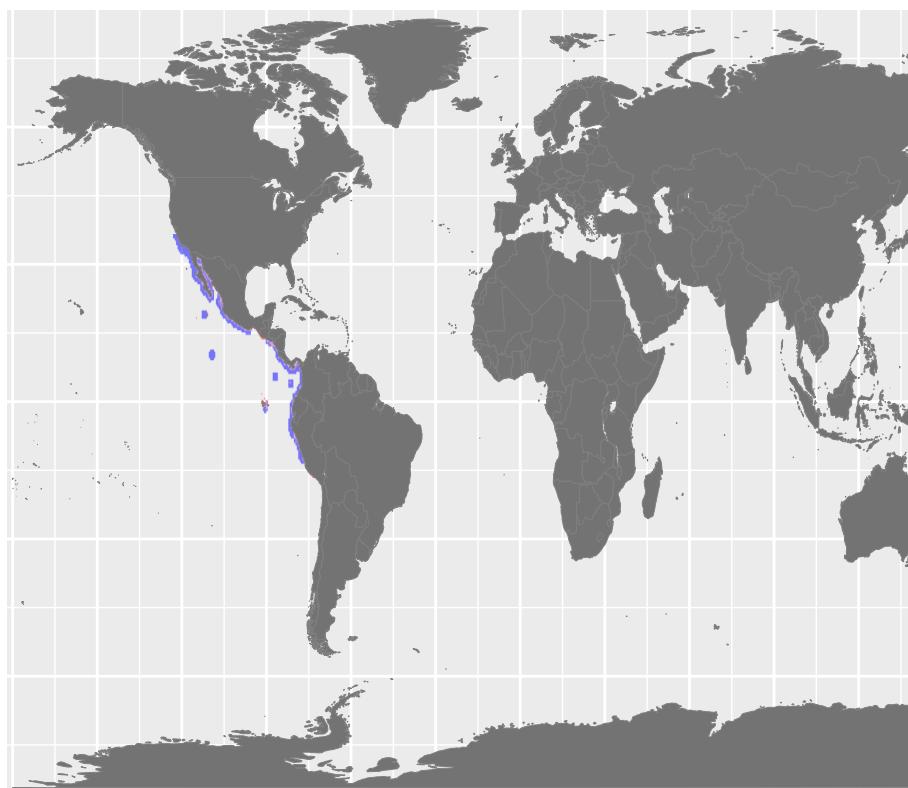
Panulirus ornatus (Lobsters), quadrant 1: Distribution align: 82.1%, Extent align: 56.6%



Sousa chinensis (Marine Mammals), quadrant 1: Distribution align: 82.2%, Extent align: 61.6%

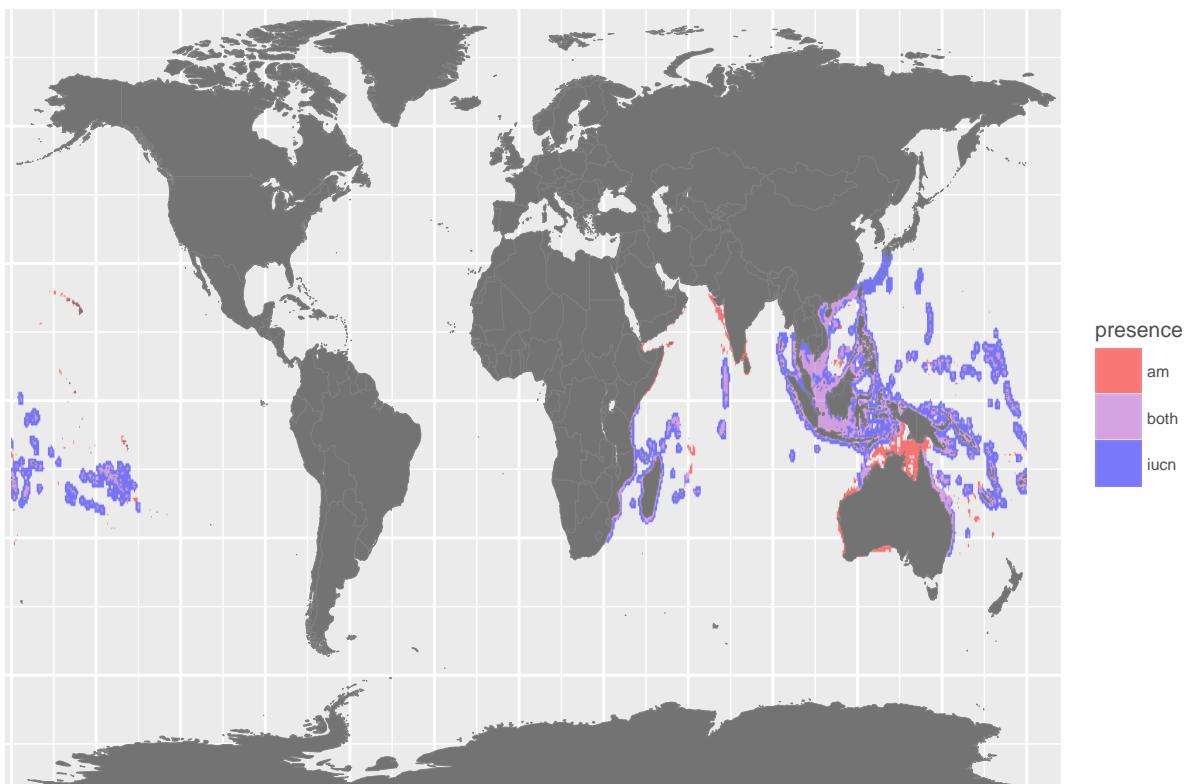


Abudefduf troschelii (Damselfish), quadrant 2: Distribution align: 83.5%

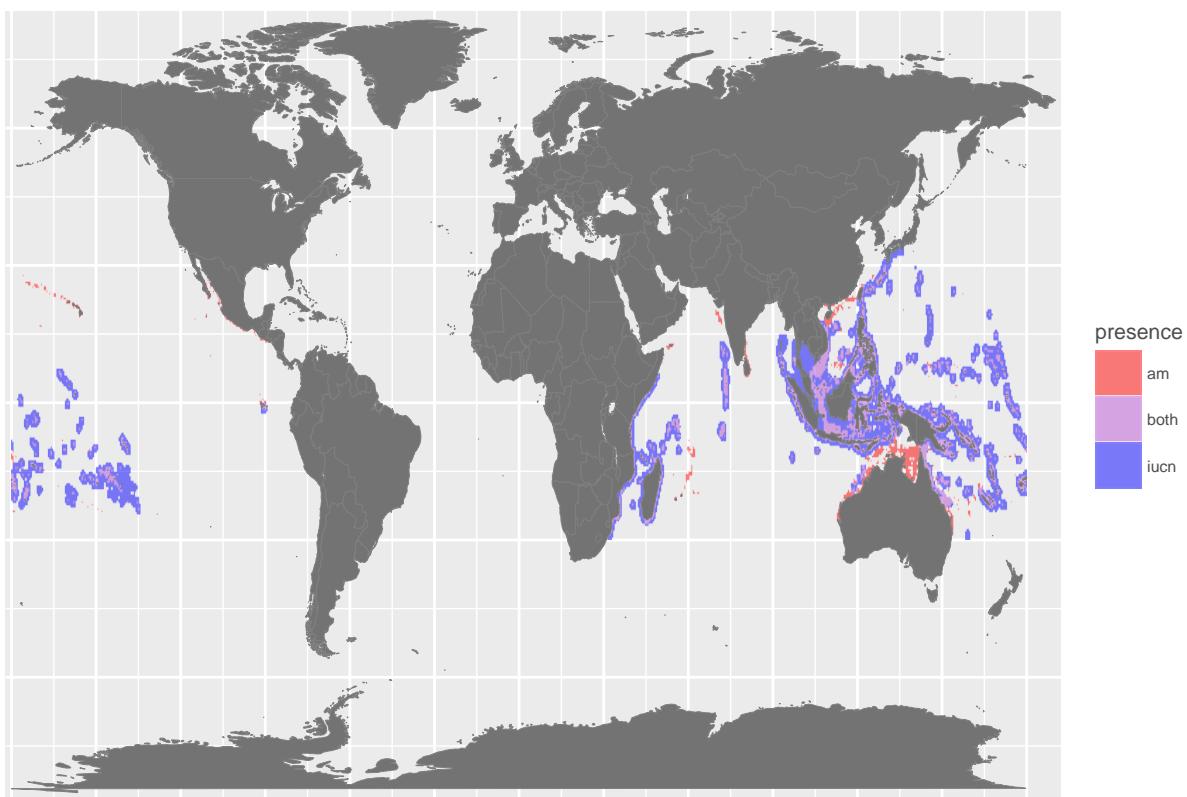


Plotting species from q2 (distribution-matched)

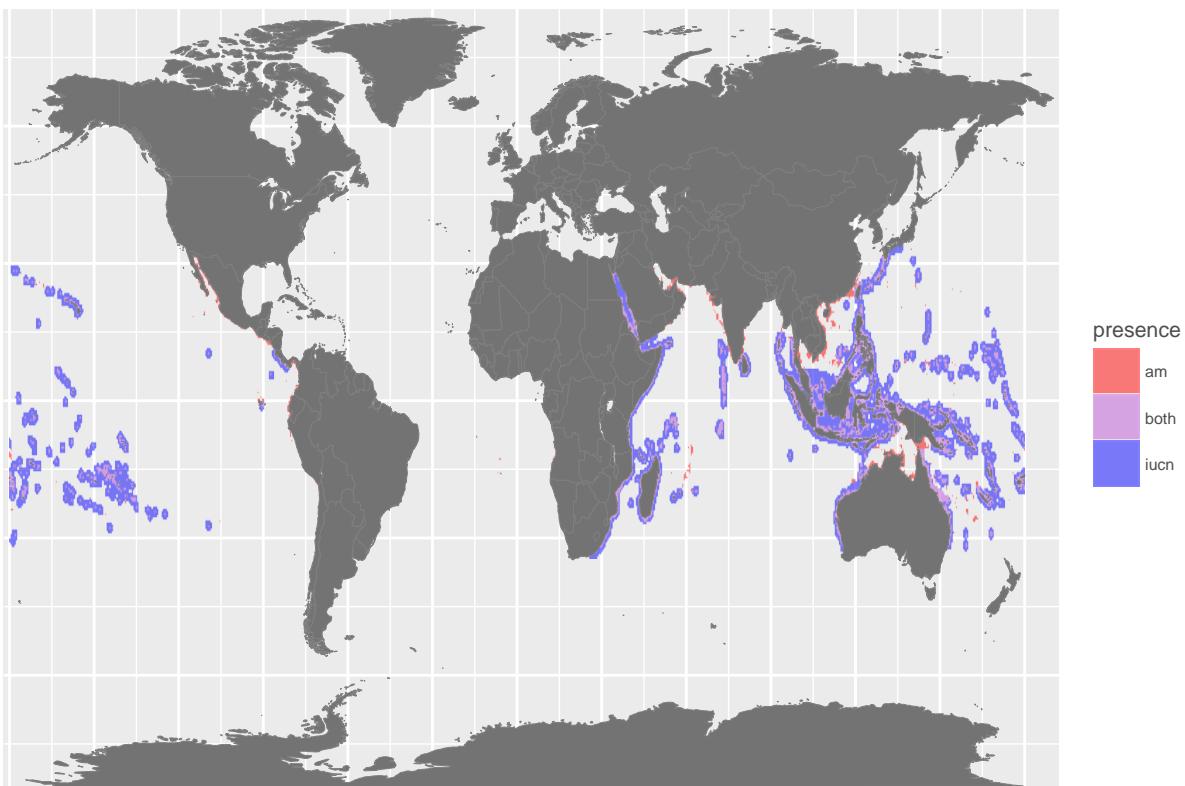
Ctenochaetus binotatus (Acanthuridae), quadrant 2: Distribution align: 74.5%, Extent align: 52.3%



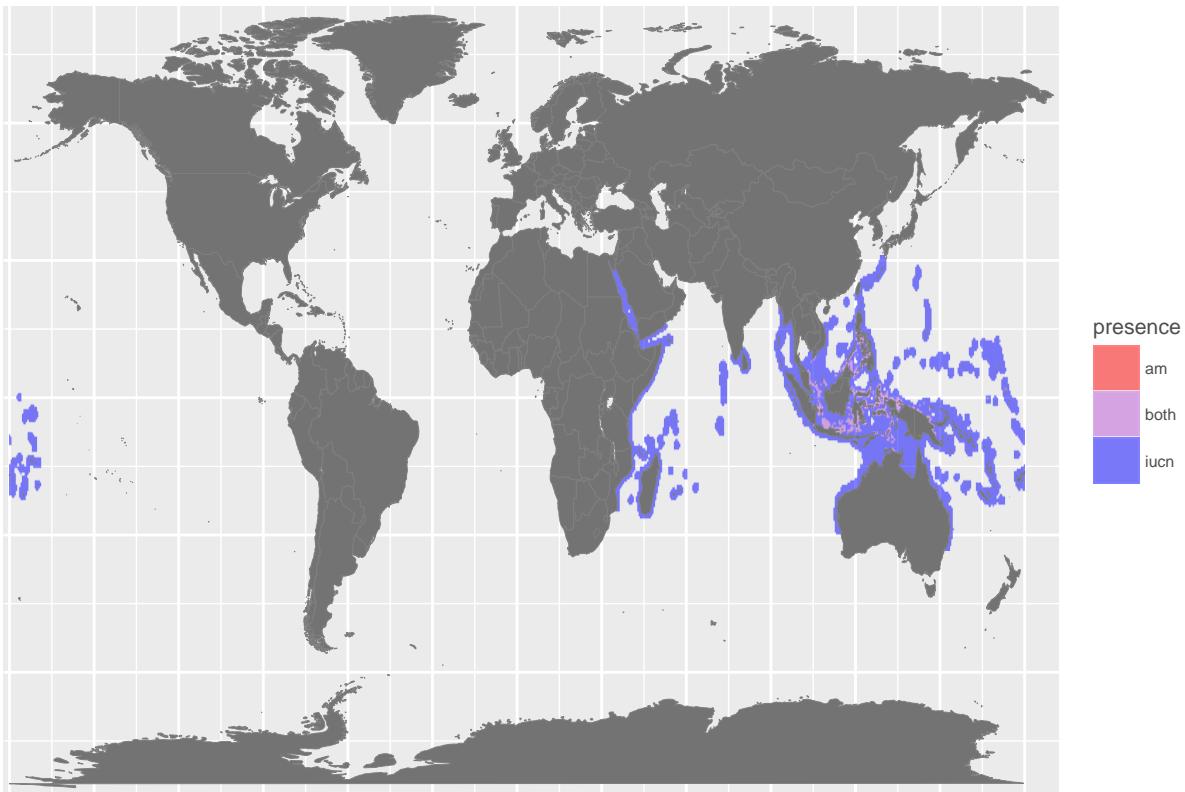
Naso vlamingii (Acanthuridae), quadrant 2: Distribution align: 75.2%, Extent align: 42.5%



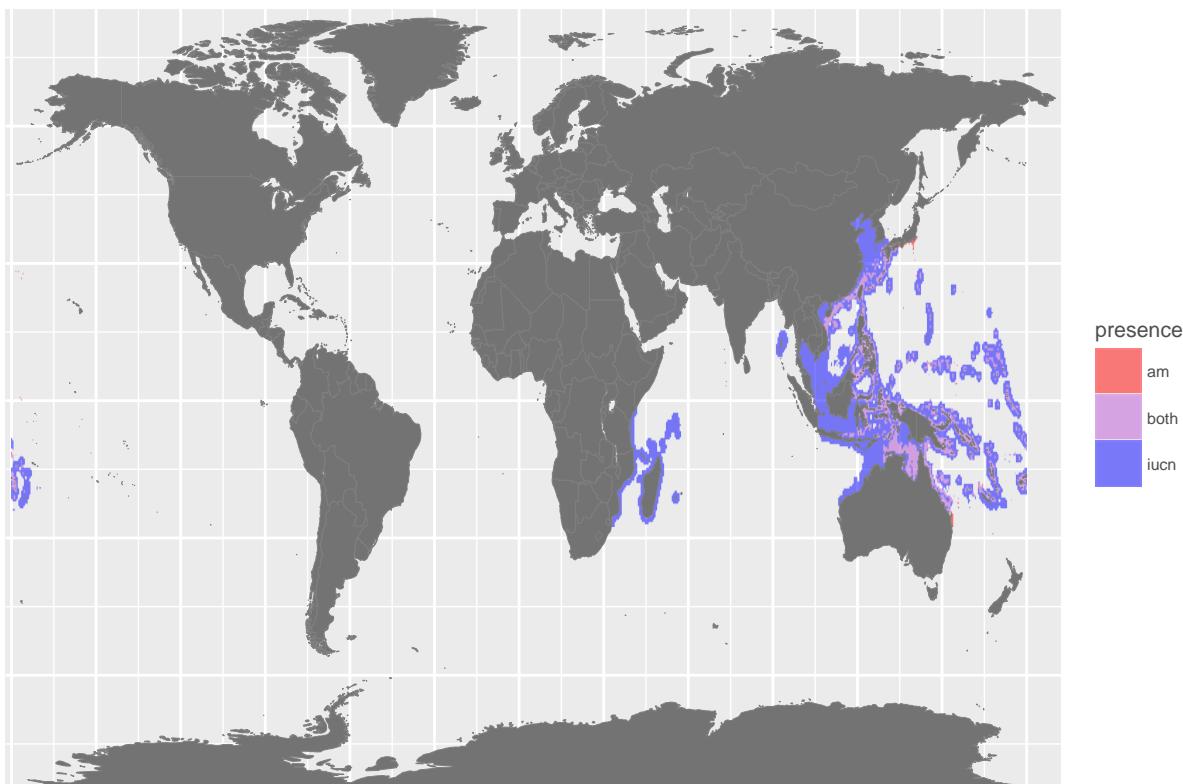
Thalassoma purpureum (Wrasses), quadrant 2: Distribution align: 73.1%, Extent align: 46.8%



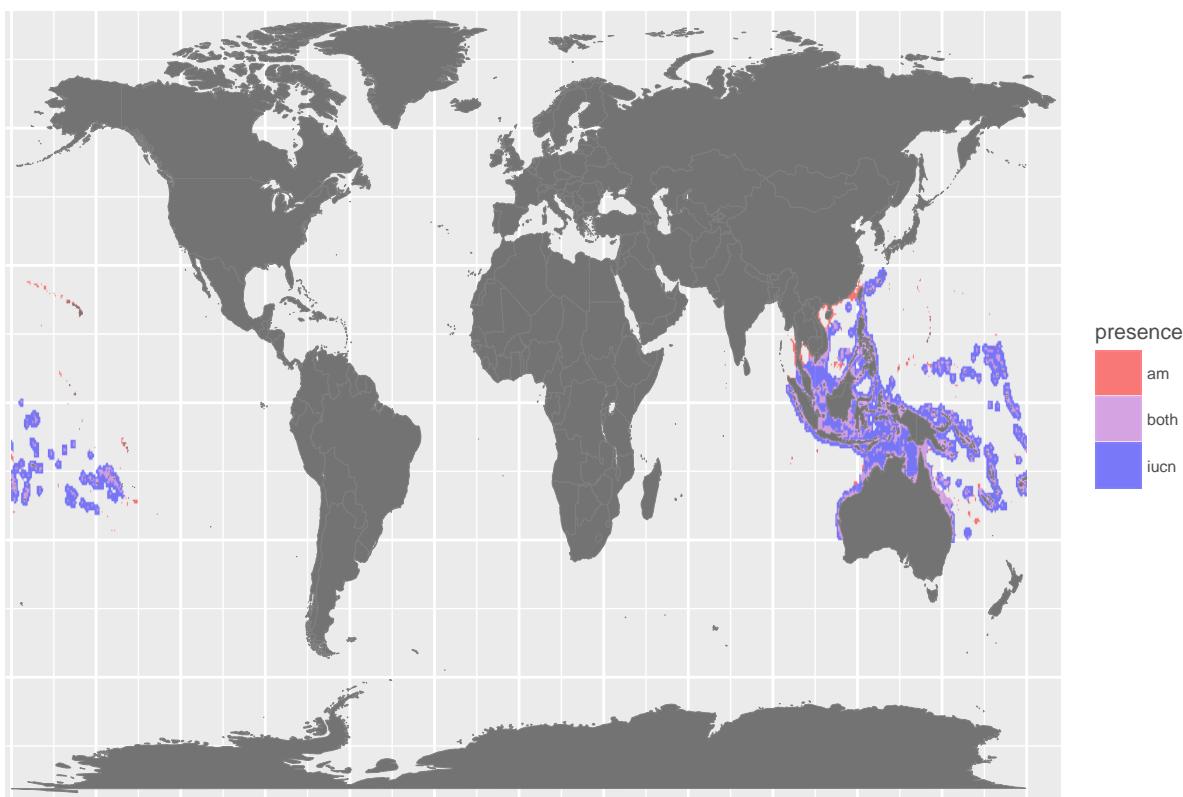
Porites nigrescens (Corals 2), quadrant 2: Distribution align: 99.7%, Extent align: 7.4%



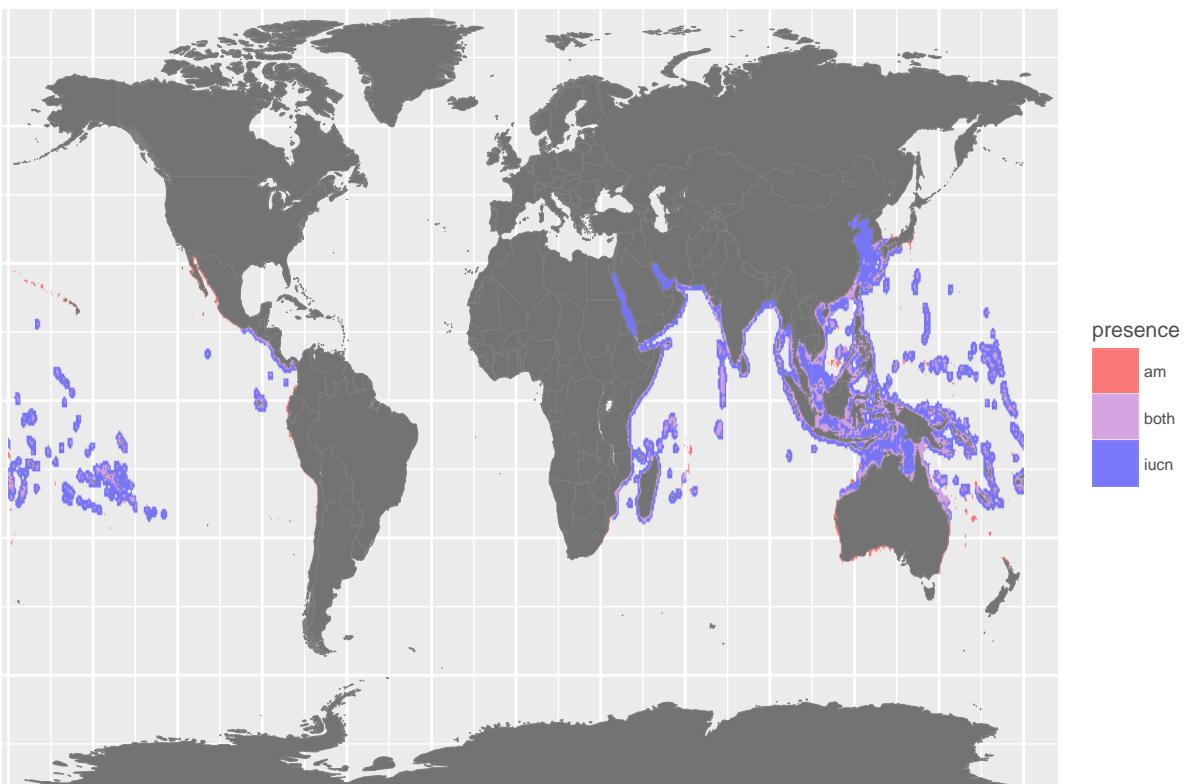
Conus ammiralis (Cone snails), quadrant 2: Distribution align: 96%, Extent align: 24.8%



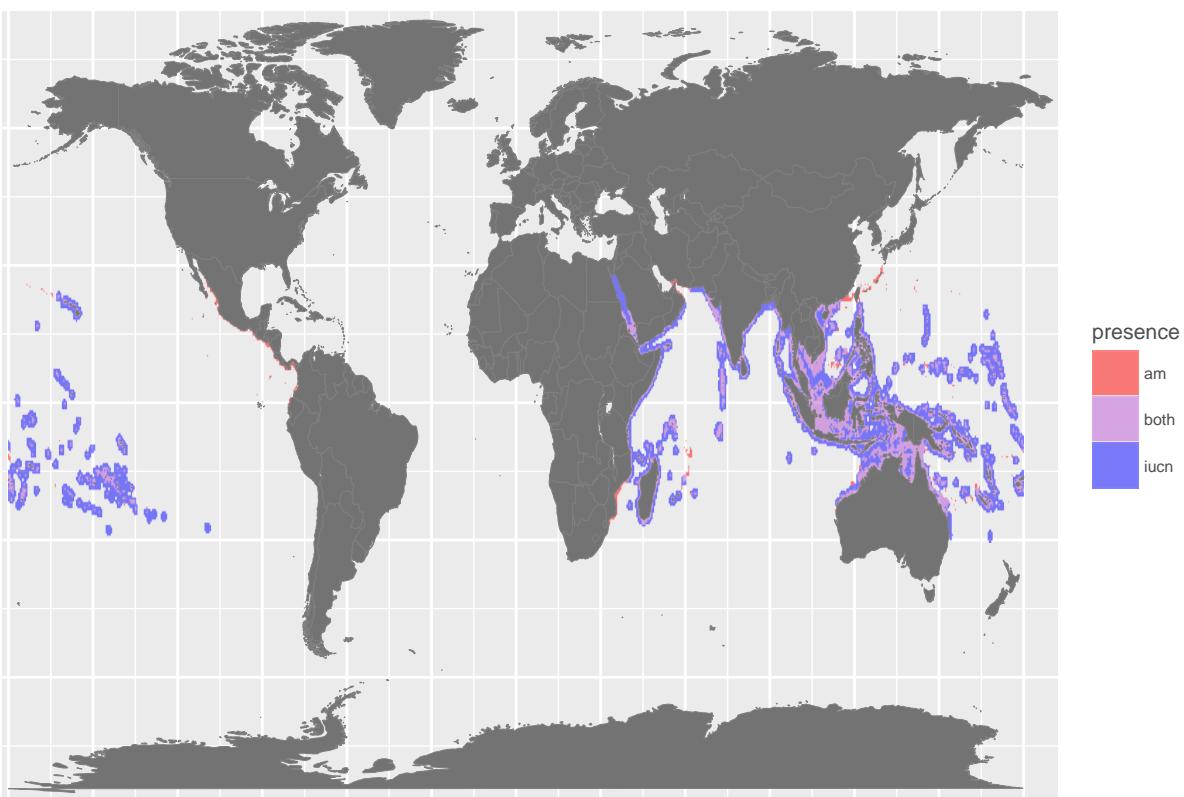
Acropora sarmentosa (Corals 1), quadrant 2: Distribution align: 84.7%, Extent align: 46.4%



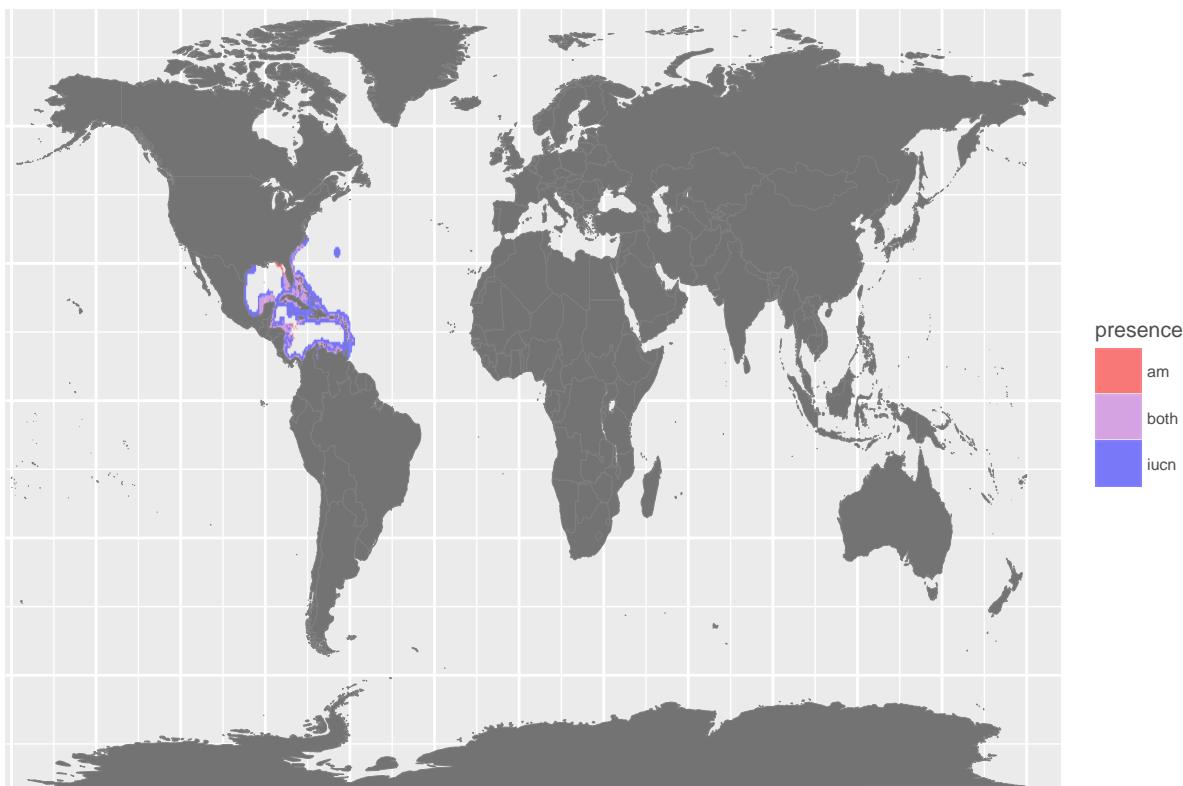
Conus tessulatus (Cone snails), quadrant 2: Distribution align: 84.2%, Extent align: 41.5%



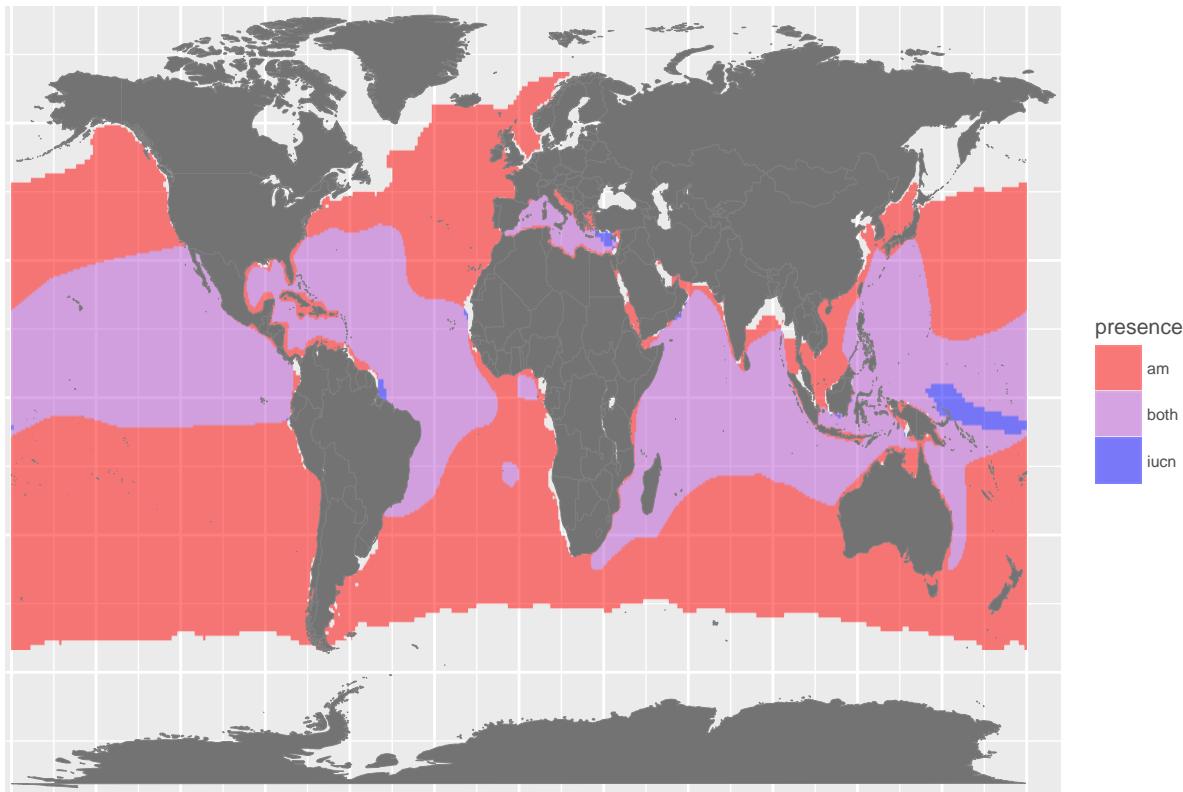
Holothuria fuscogilva (Sea Cucumbers), quadrant 2: Distribution align: 87.6%, Extent align: 46.1%



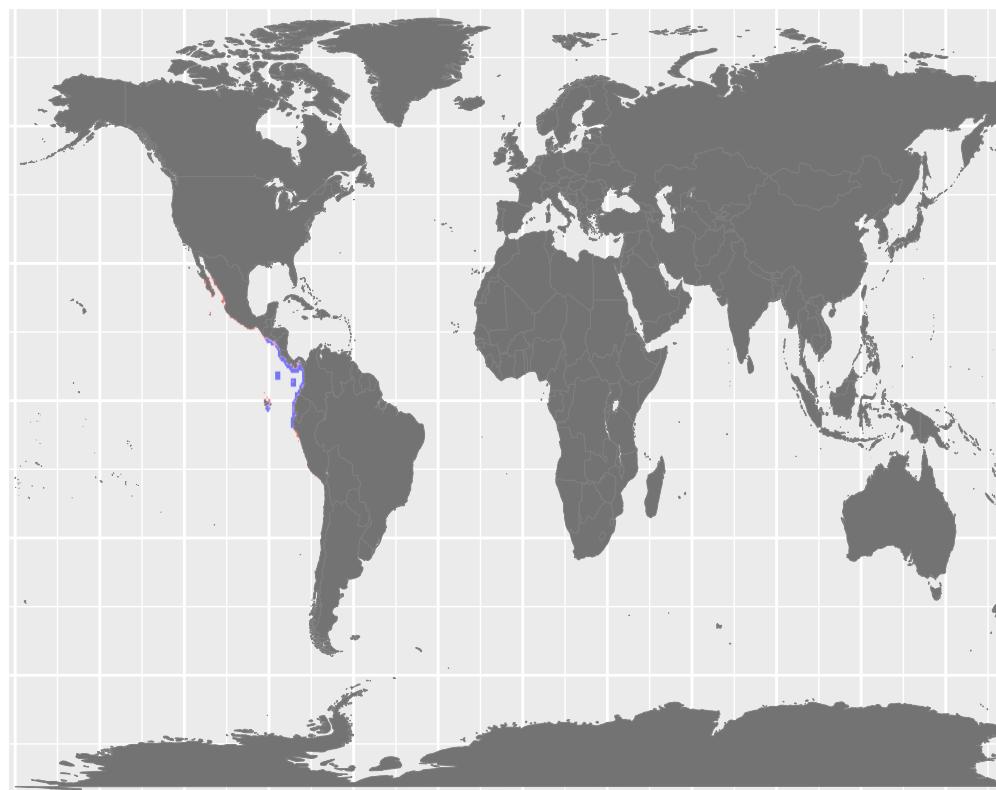
Oculina varicosa (Corals 2), quadrant 2: Distribution align: 91.5%, Extent align: 42.5%



Acanthocybium solandri (Tunas/Billfishes), quadrant 2: Distribution align: 97.9%, Extent align: 41

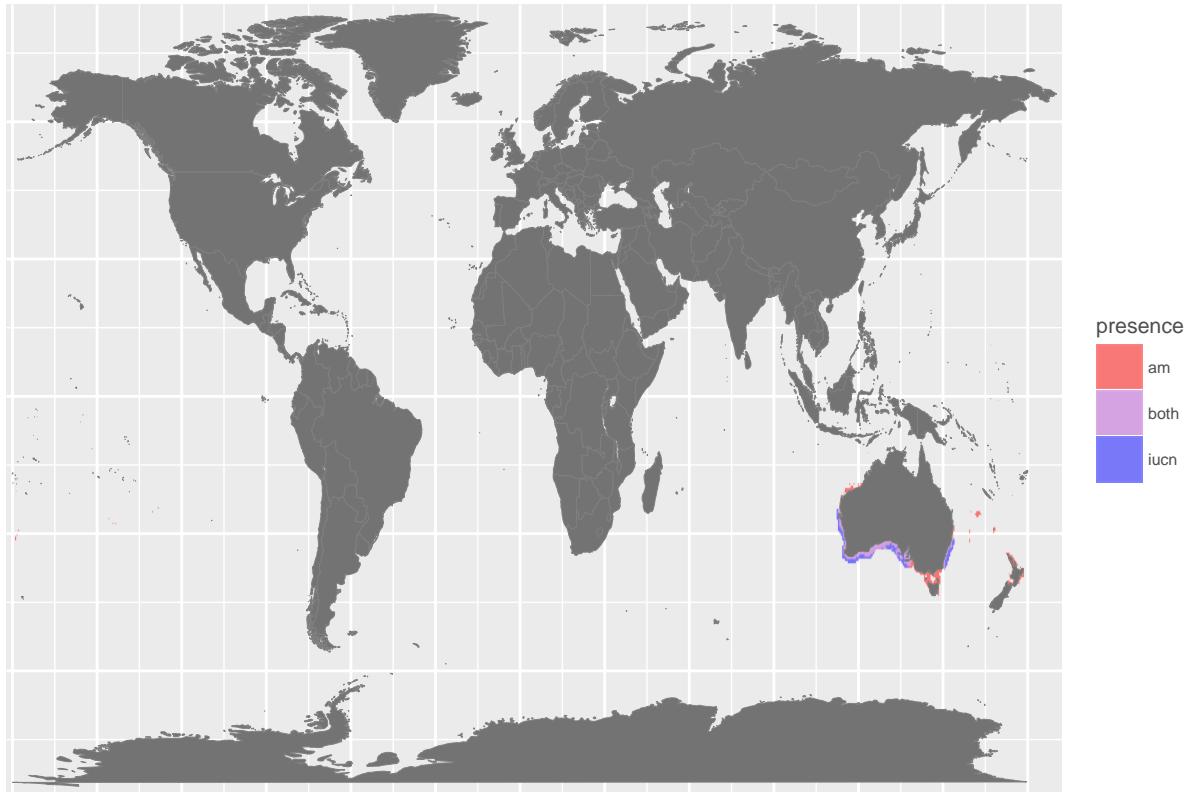


Abudefduf concolor (Damselfish), quadrant 3: Distribution align: 43.6%, Extent align: 61.3%

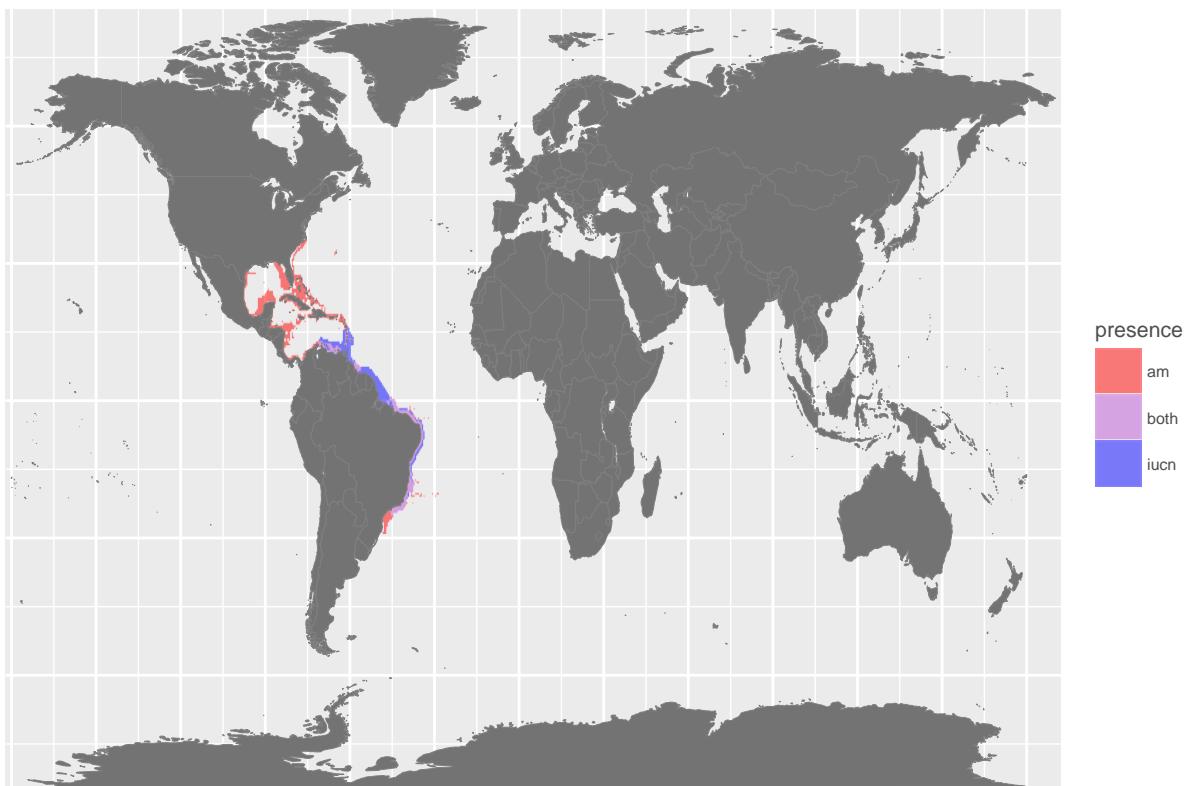


Plotting species from q3 (area-matched)

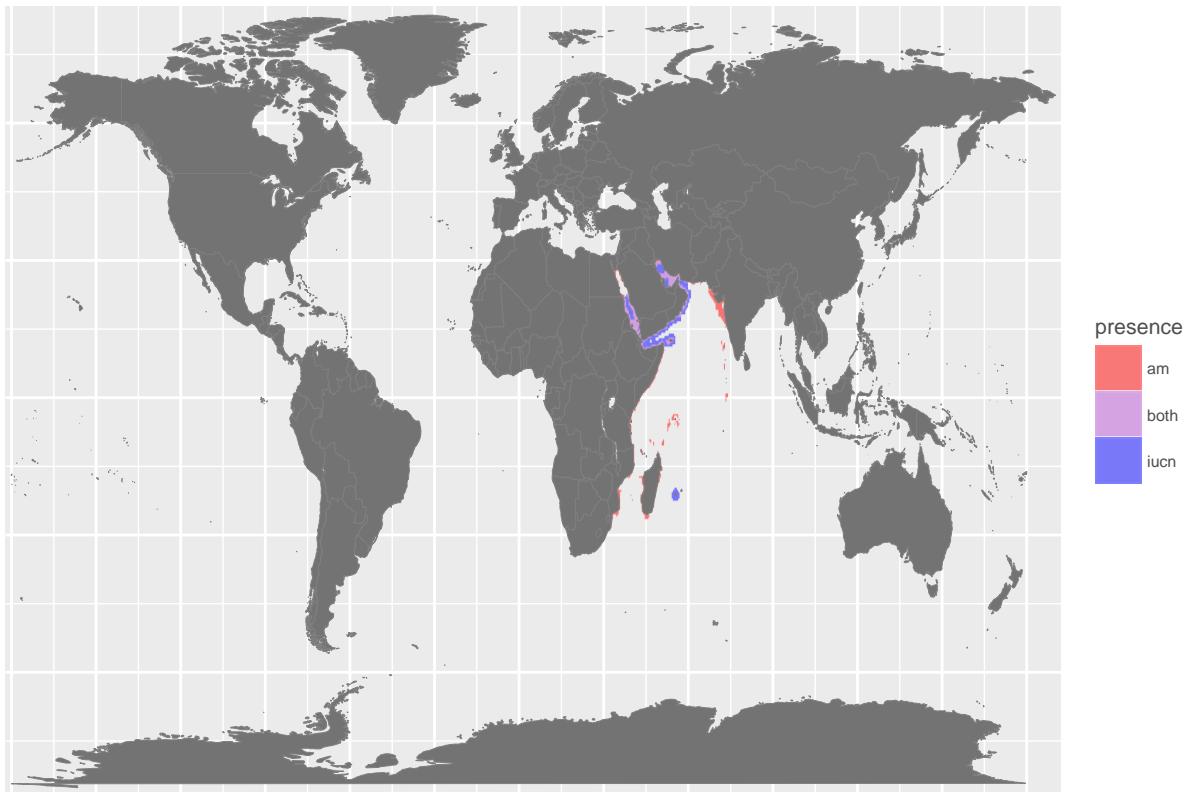
Austrolabrus maculatus (Wrasses), quadrant 3: Distribution align: 61.3%, Extent align: 76.4%



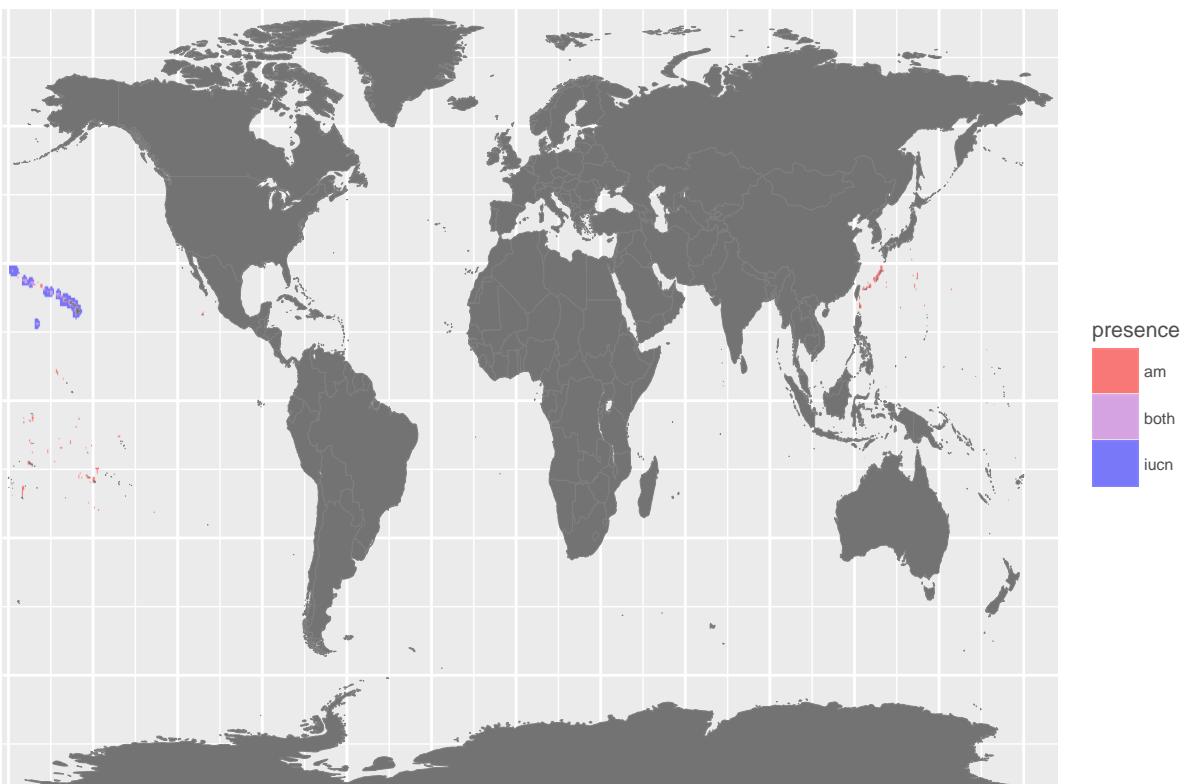
Centropyge aurantonotus (Angelfish), quadrant 3: Distribution align: 43.6%, Extent align: 59.4%



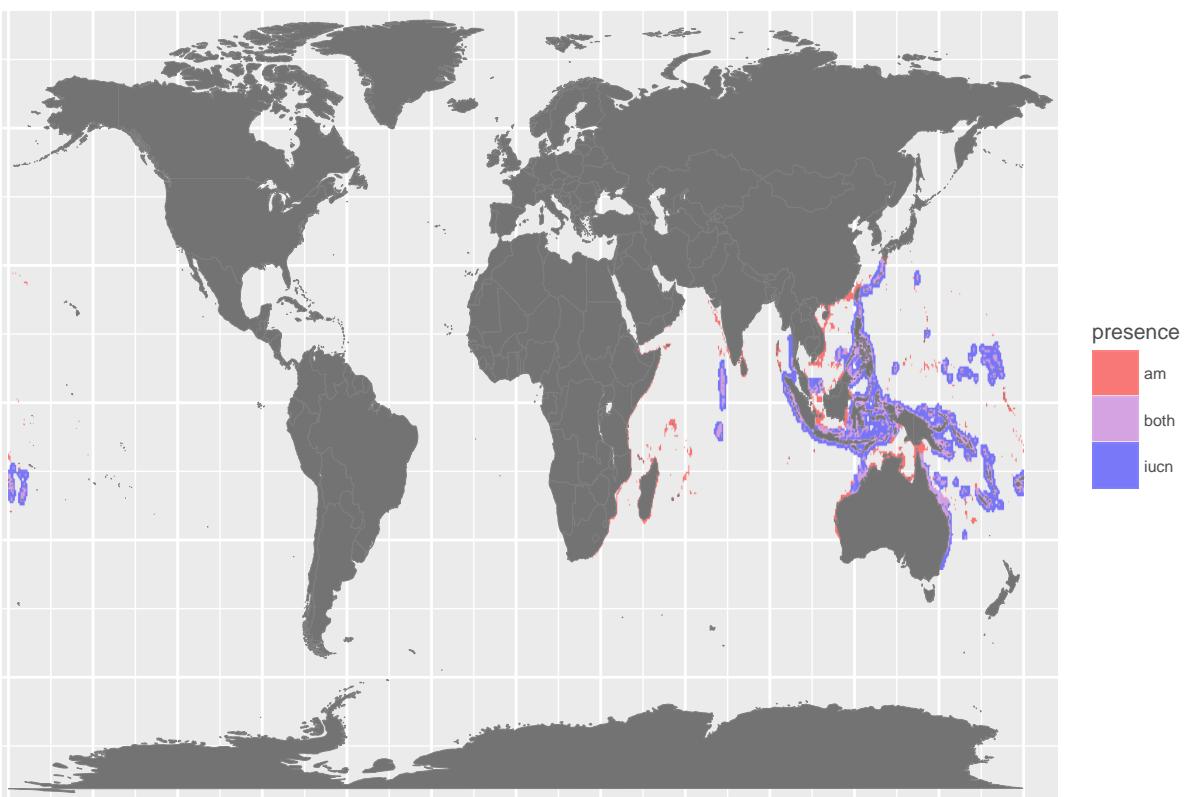
Chaetodon melapterus (Butterflyfish), quadrant 3: Distribution align: 54.1%, Extent align: 73.2%



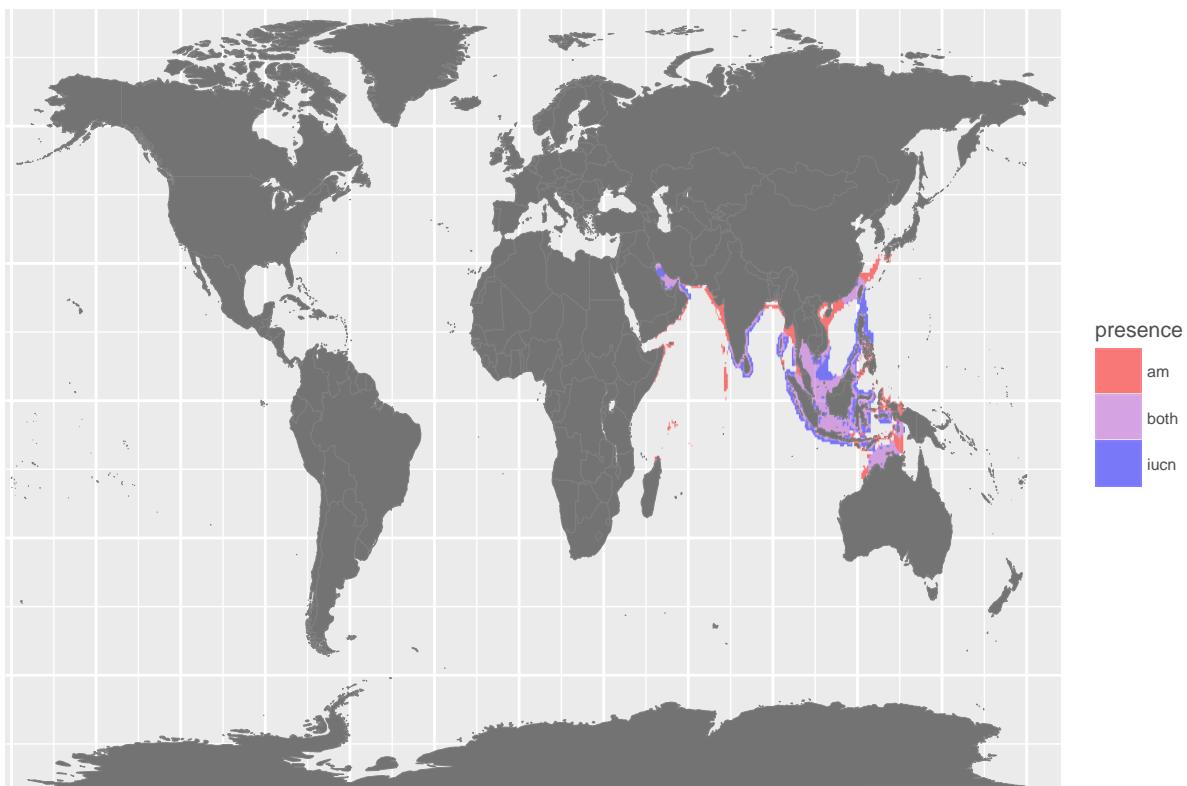
***Chlorurus perspicillatus* (Parrotfish), quadrant 3: Distribution align: 28.6%, Extent align: 80.9%**



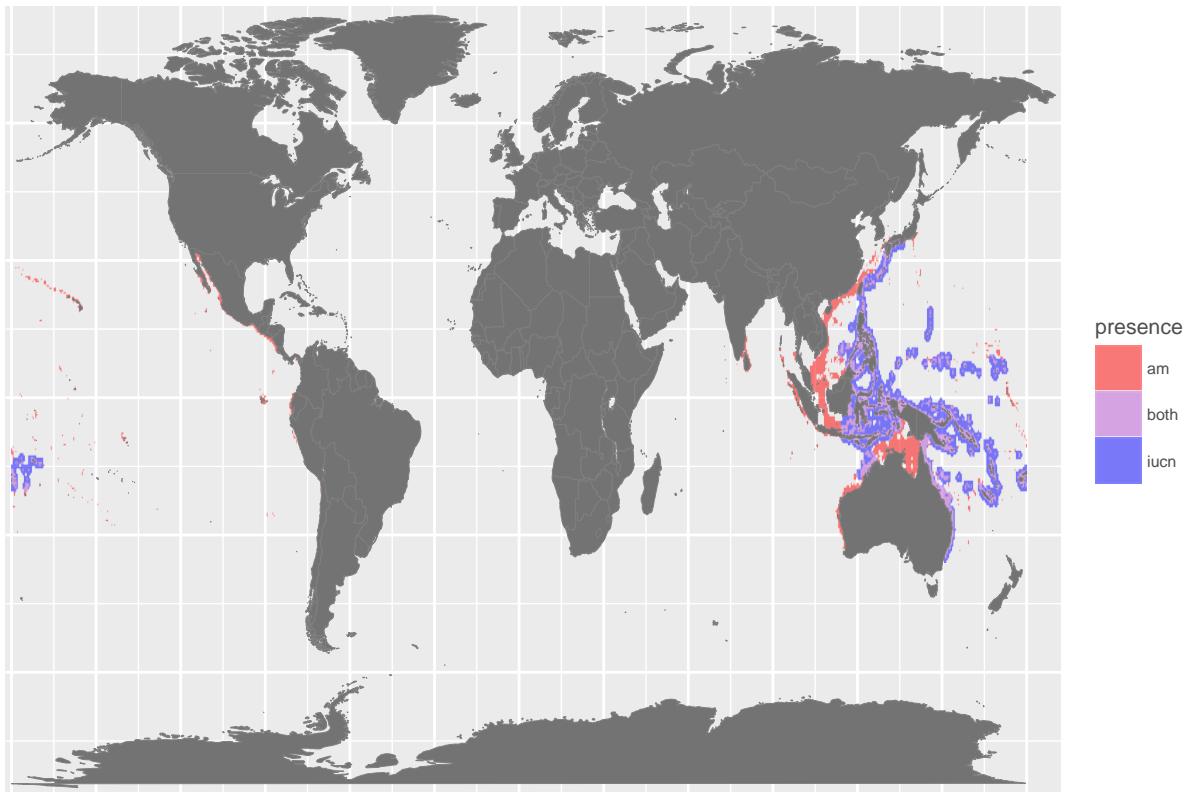
***Coris batuensis* (Wrasses), quadrant 3: Distribution align: 56.2%, Extent align: 73.9%**



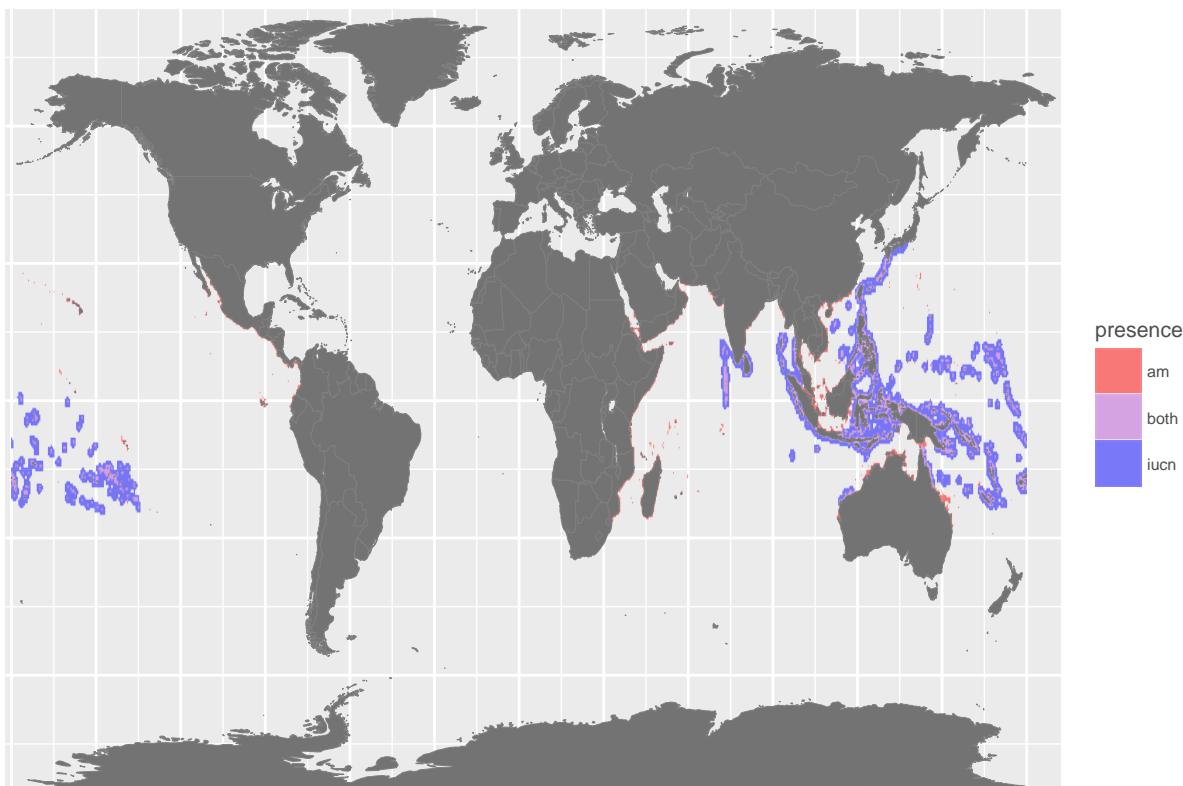
Epinephelus bleekeri (Groupers), quadrant 3: Distribution align: 65.2%, Extent align: 94.8%



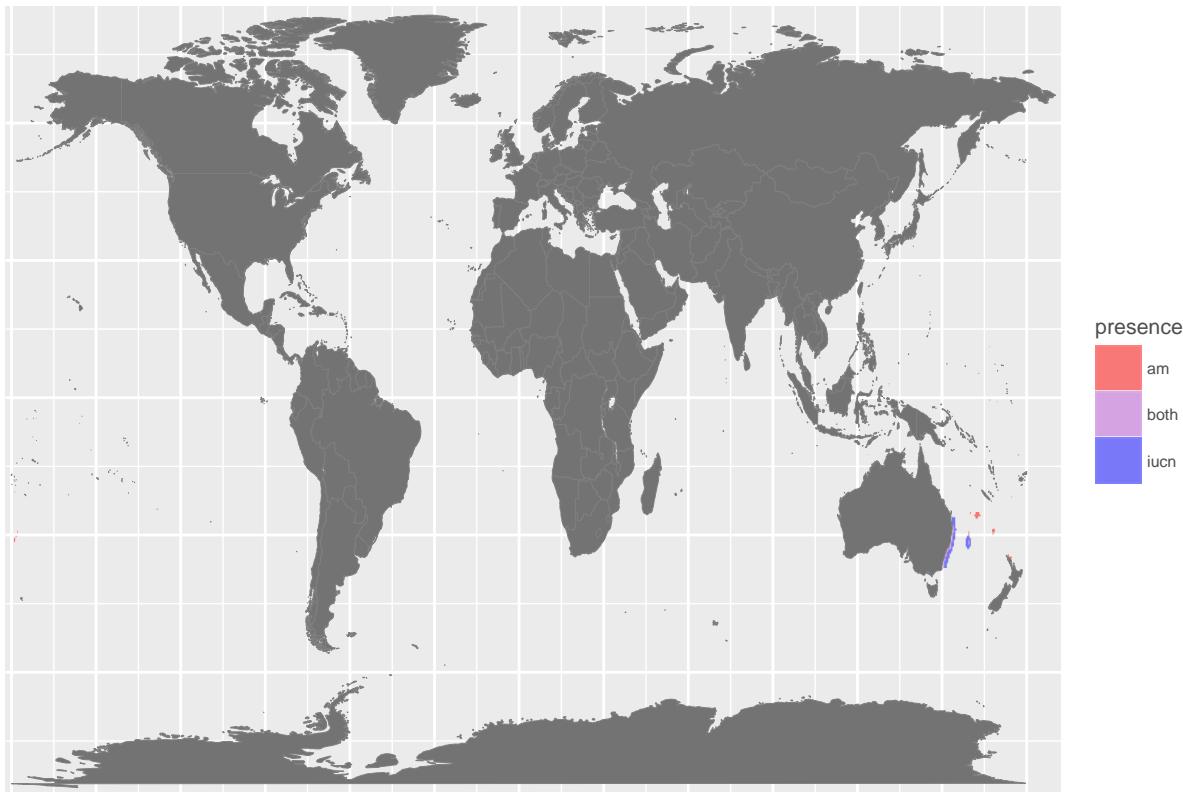
Halichoeres hartzfeldii (Wrasses), quadrant 3: Distribution align: 49.5%, Extent align: 87.4%



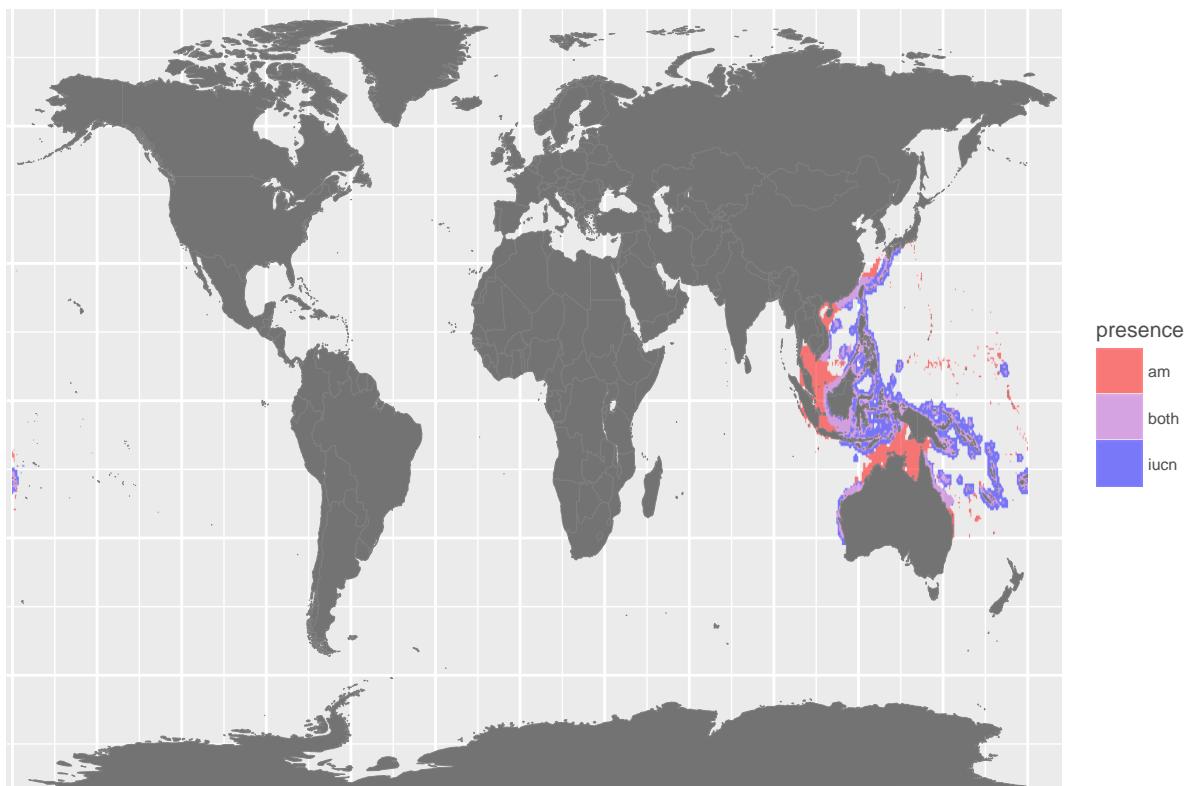
Istiblennius lineatus (Blenniidae), quadrant 3: Distribution align: 53.2%, Extent align: 55.8%



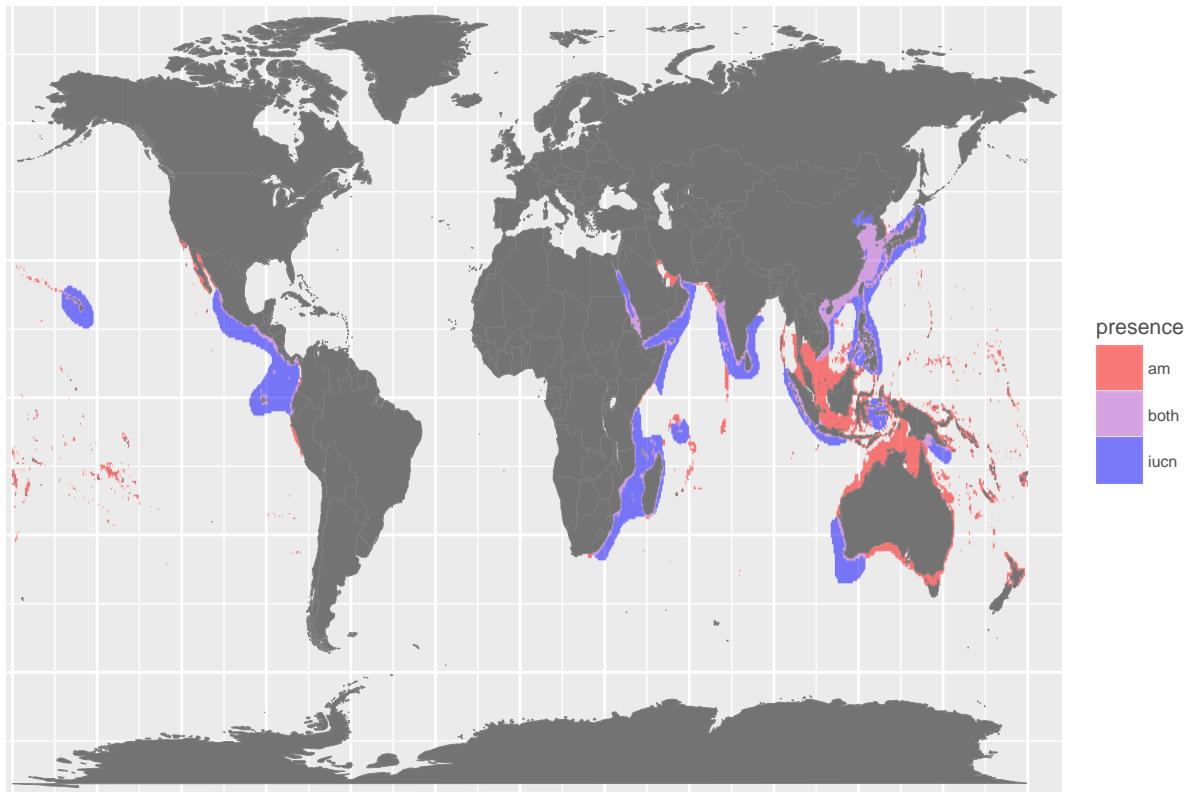
Notolabrus gymnogenys (Wrasses), quadrant 3: Distribution align: 52.7%, Extent align: 58.5%



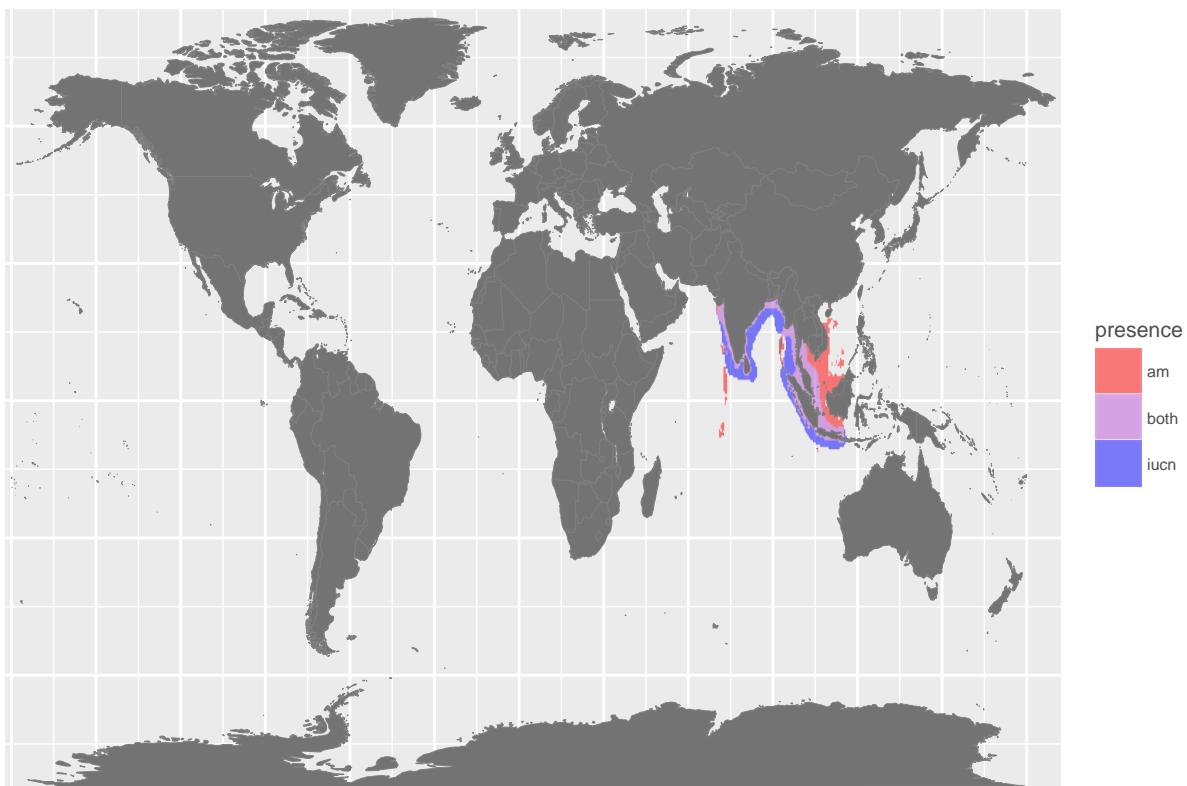
Plectropomus leopardus (Groupers), quadrant 3: Distribution align: 56.1%, Extent align: 92.8%



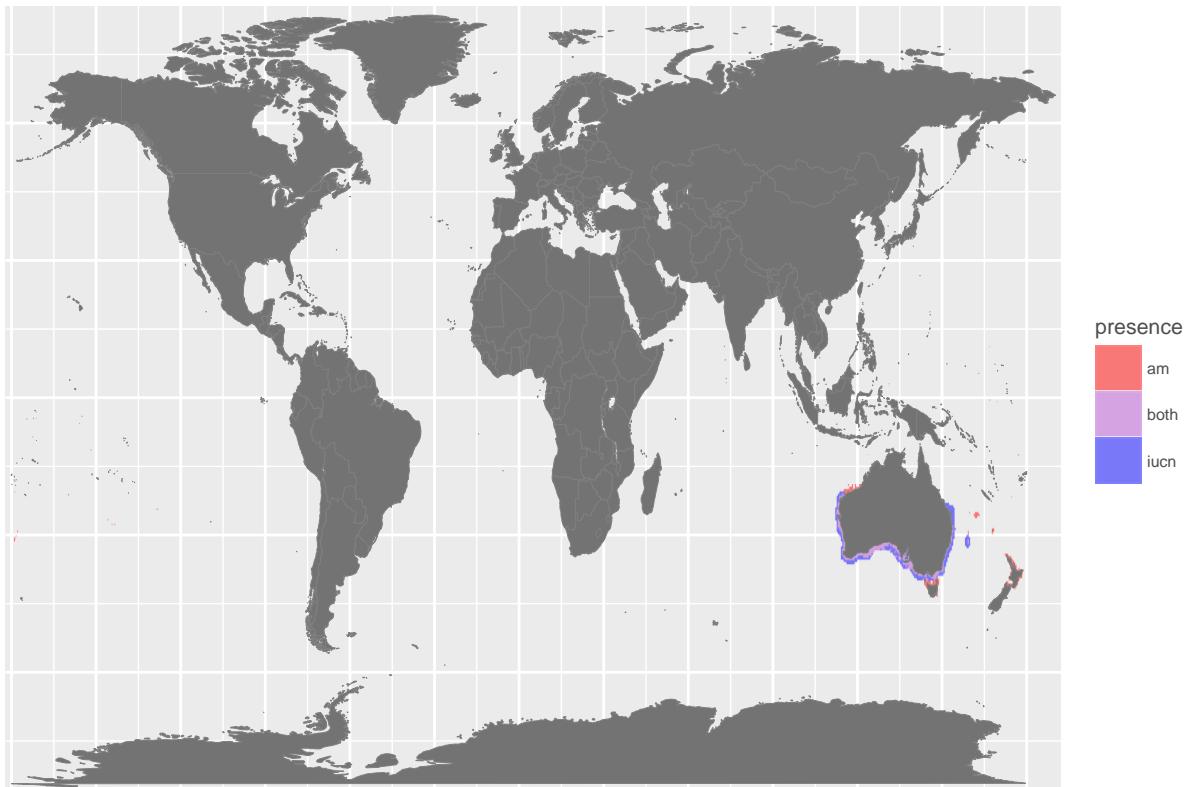
Sarda orientalis (Tunas/Billfishes), quadrant 3: Distribution align: 37.3%, Extent align: 99.4%



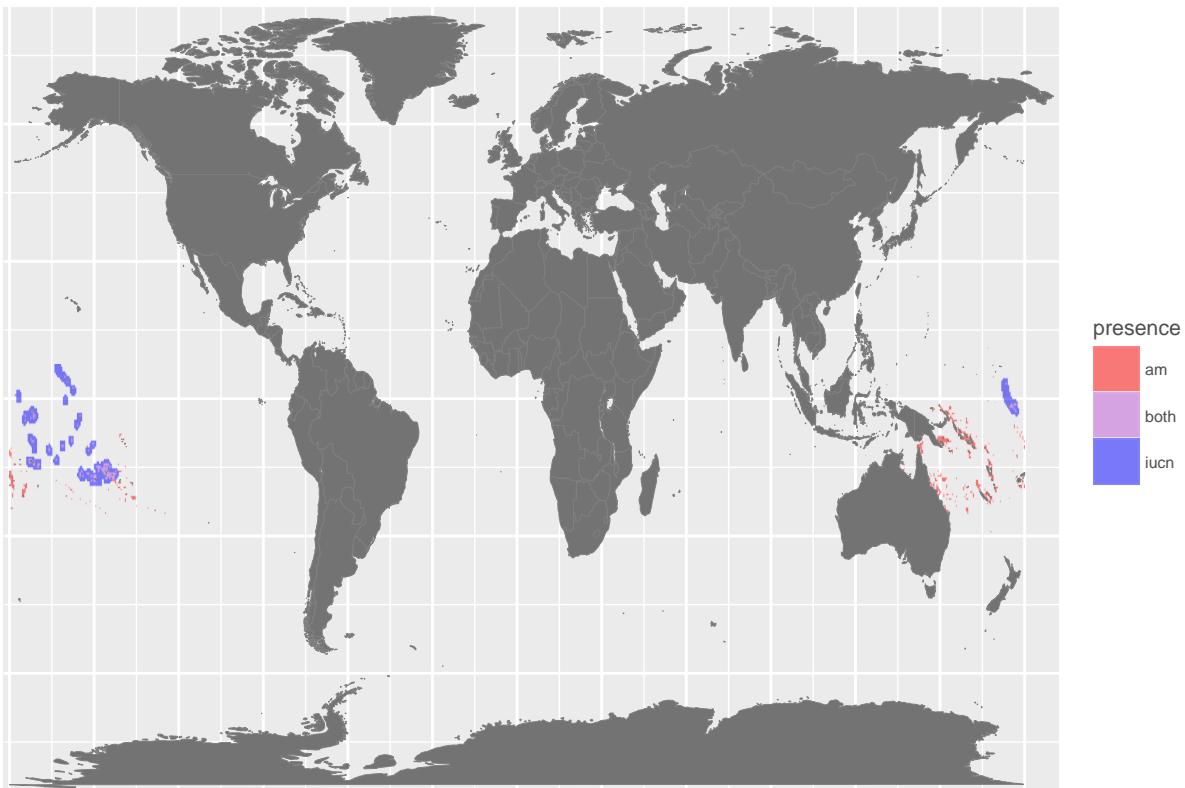
Scomberomorus lineolatus (Tunas/Billfishes), quadrant 3: Distribution align: 61.5%, Extent align:



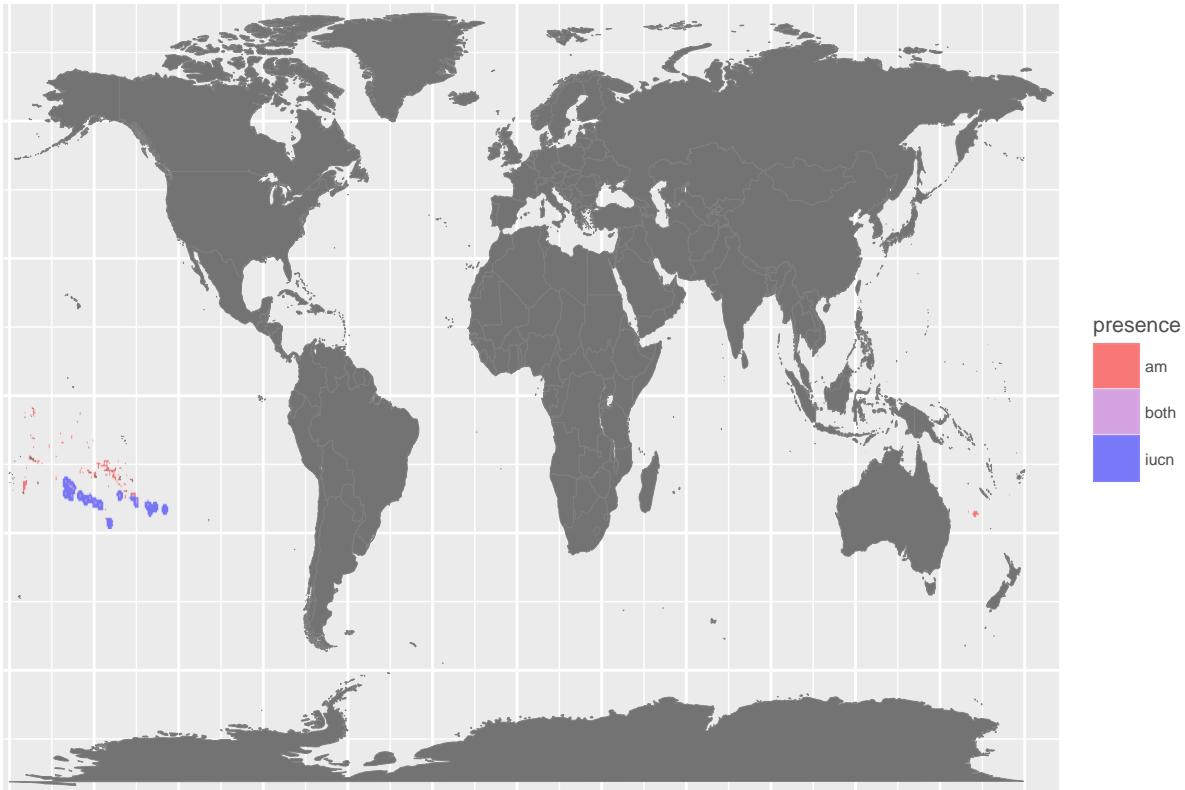
Torquigener pleurogramma (Pufferfish), quadrant 3: Distribution align: 61.8%, Extent align: 83.7%



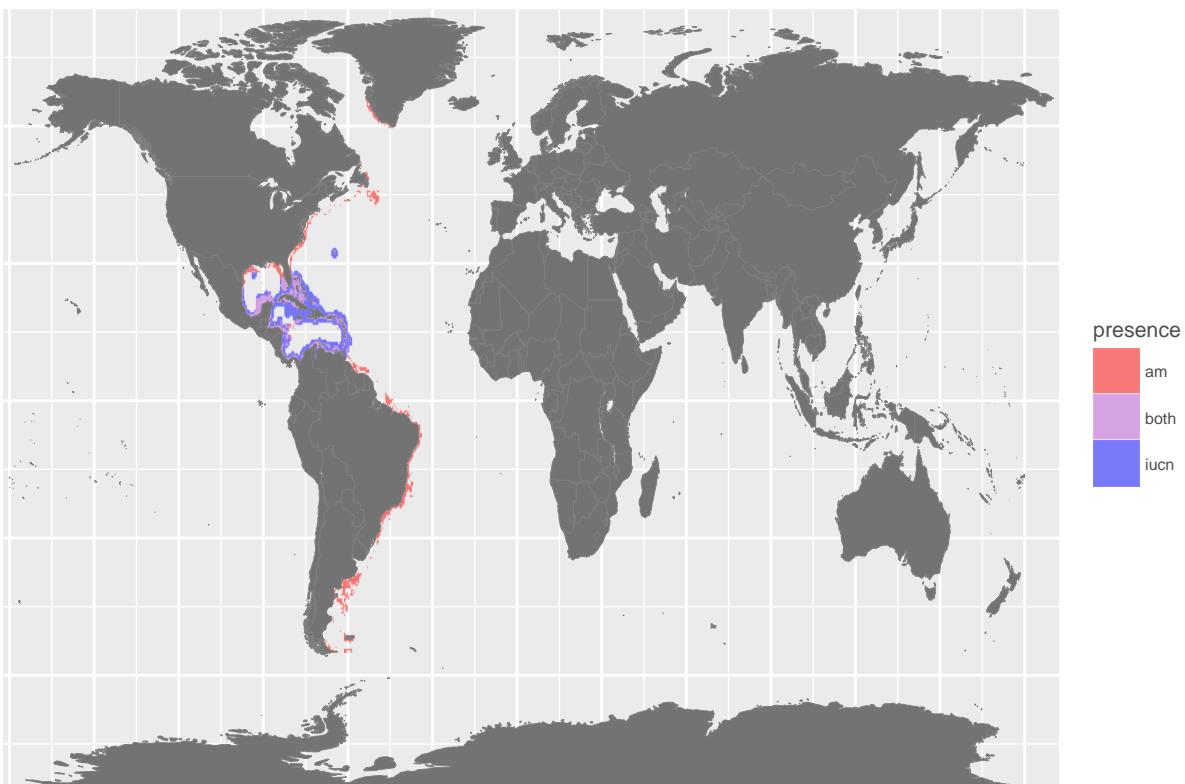
Cirripectes jenningsi (Blenniidae), quadrant 3: Distribution align: 17.6%, Extent align: 72.4%



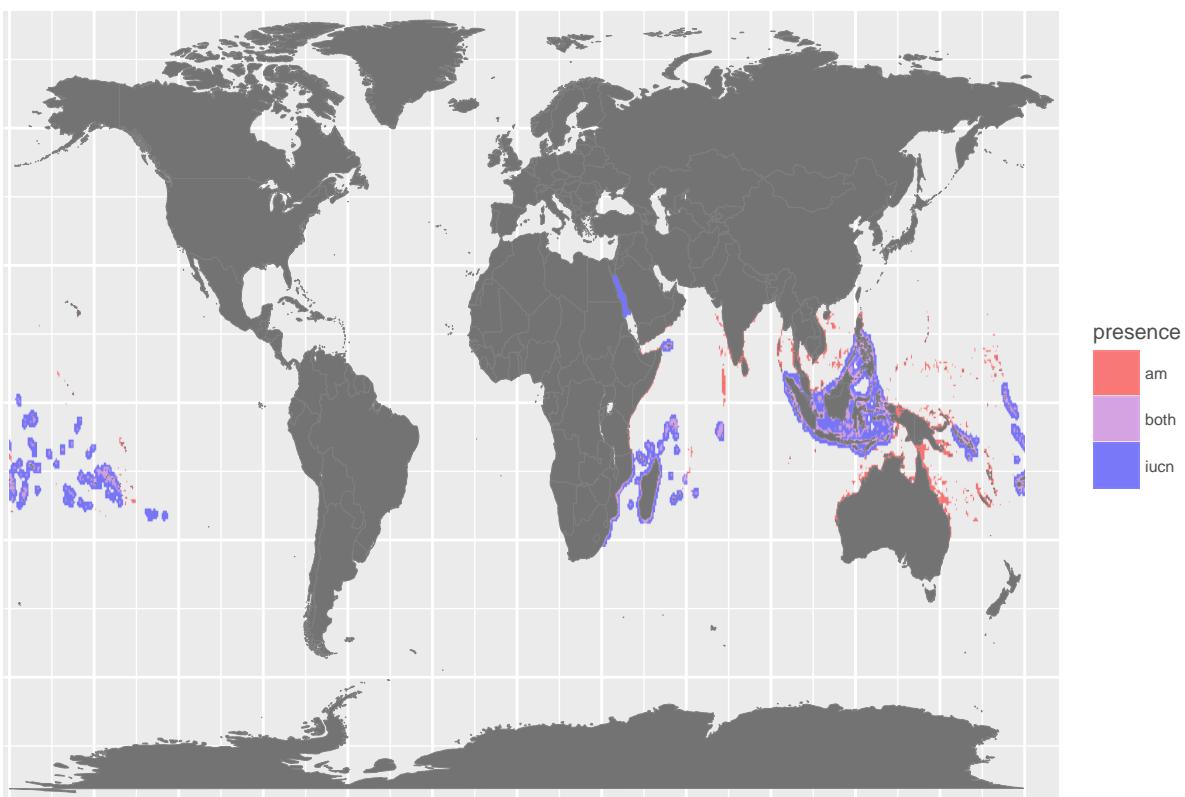
Pseudocheilinus citrinus (Wrasses), quadrant 3: Distribution align: 11%, Extent align: 57.3%



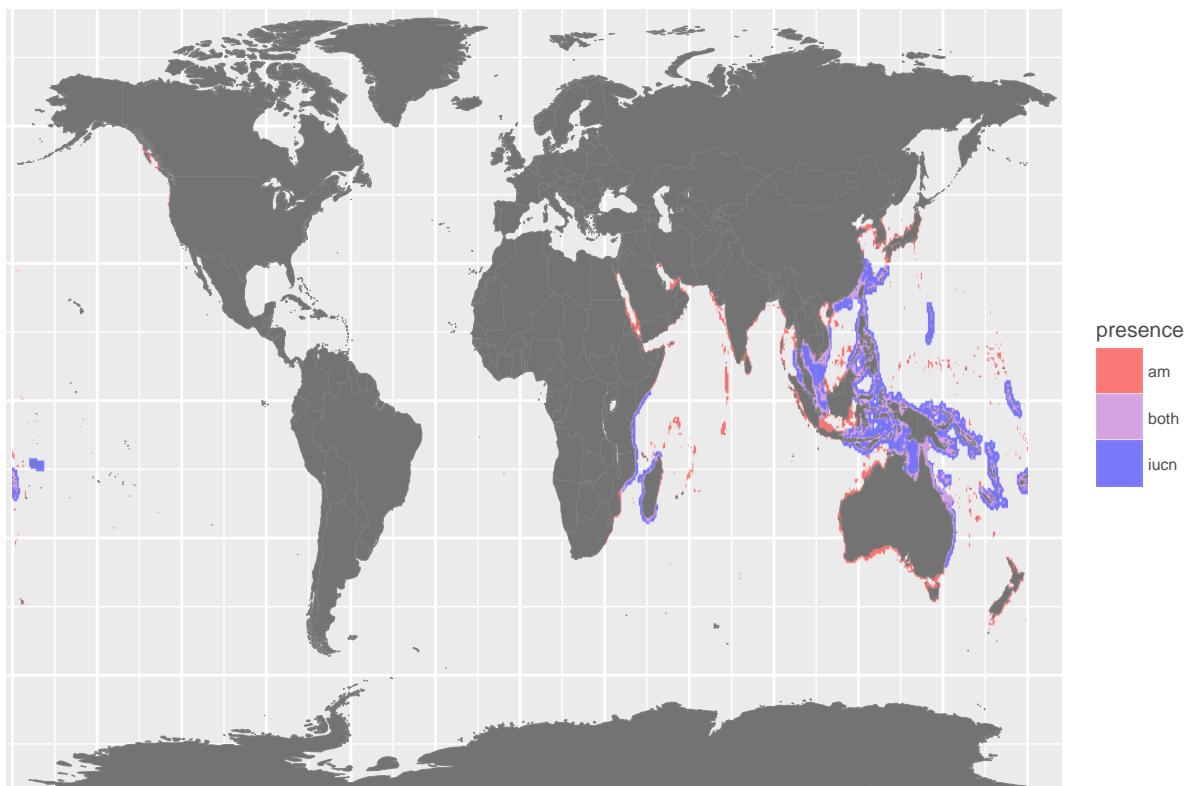
Montastraea franksi (Corals 2), quadrant 3: Distribution align: 44%, Extent align: 97.3%



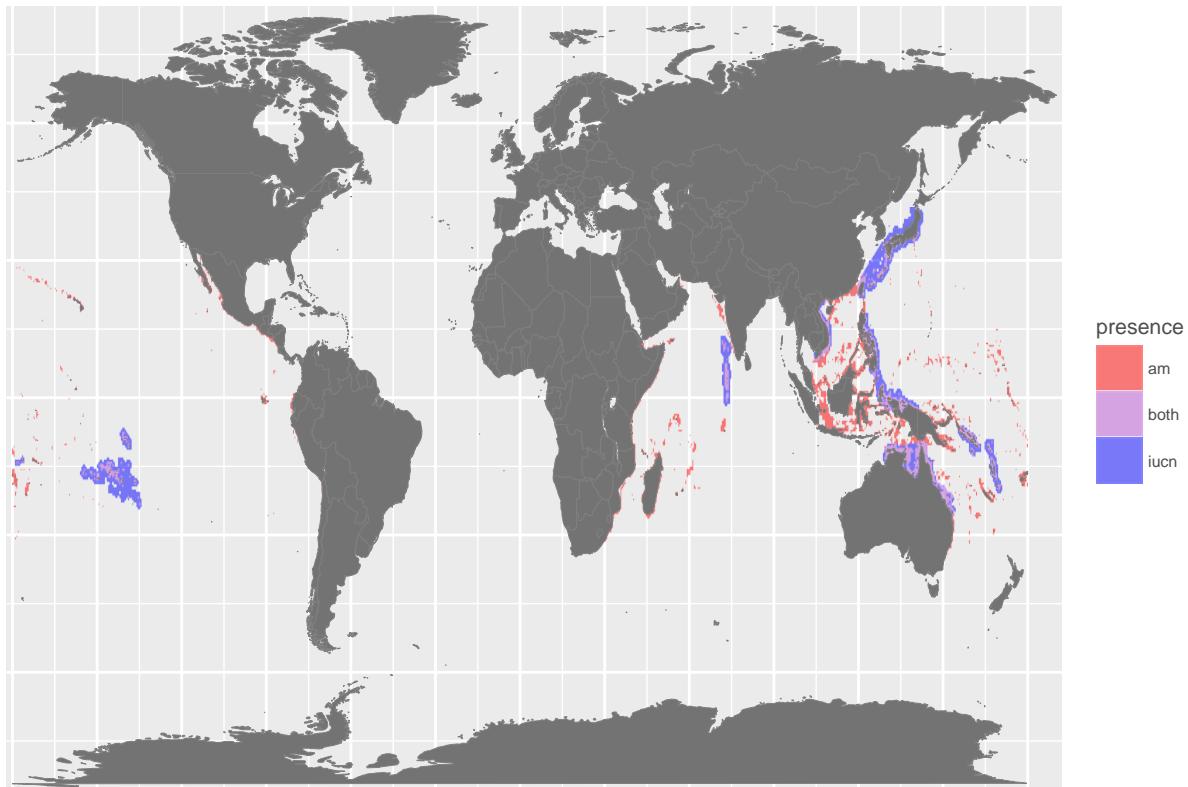
Acropora retusa (Corals 1), quadrant 3: Distribution align: 48.2%, Extent align: 73.6%



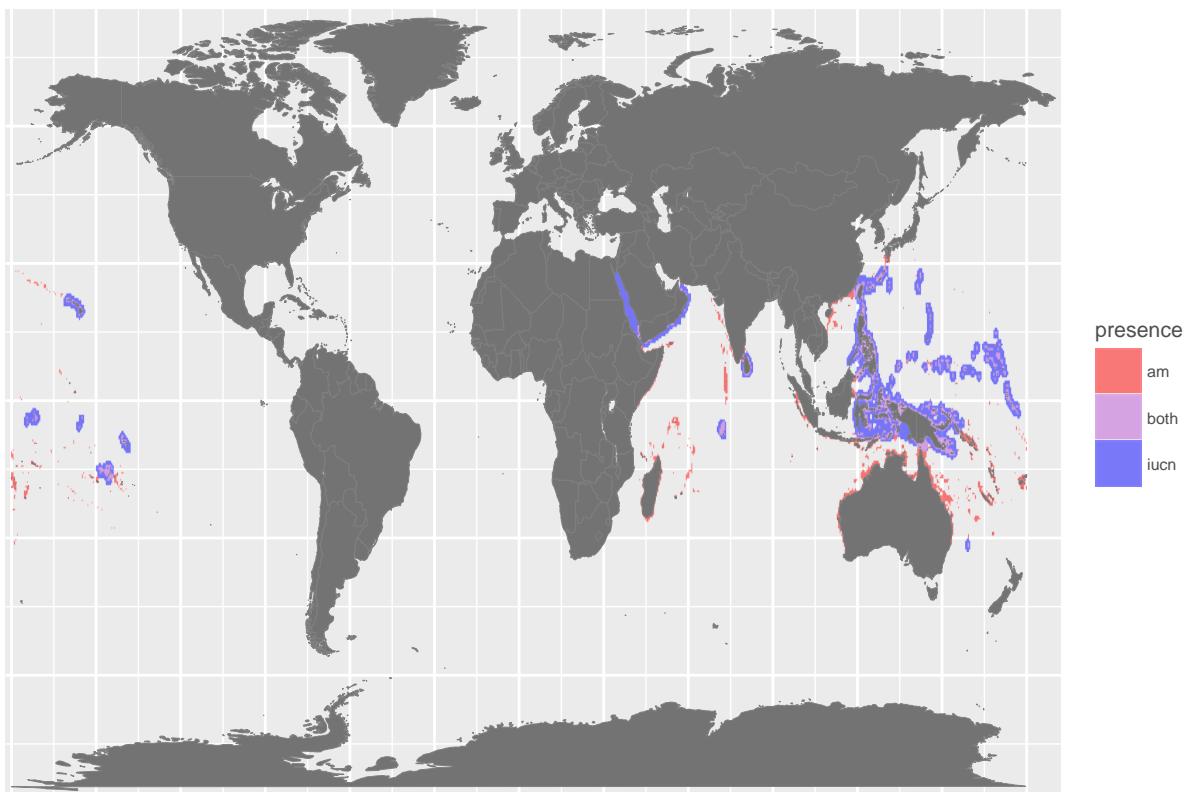
Holothuria fuscopunctata (Sea Cucumbers), quadrant 3: Distribution align: 46.9%, Extent align: 9%



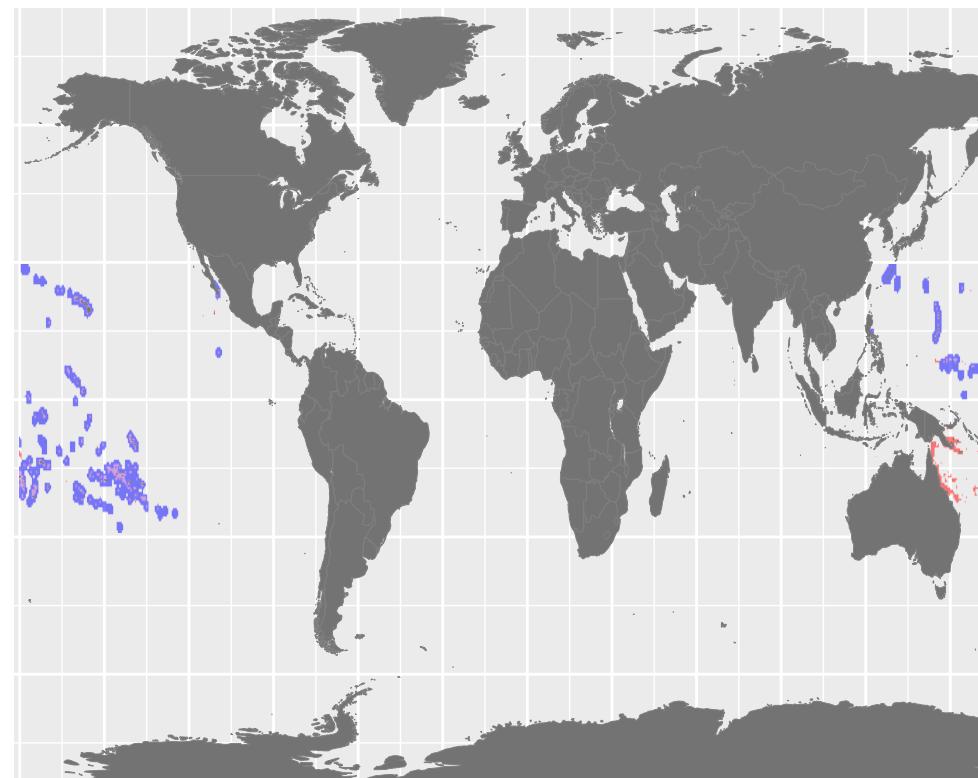
Panulirus femoristriga (Lobsters), quadrant 3: Distribution align: 40.2%, Extent align: 72.9%



Albula glossodonta (Bonefish/Tarpons), quadrant 3: Distribution align: 42.8%, Extent align: 70.5%

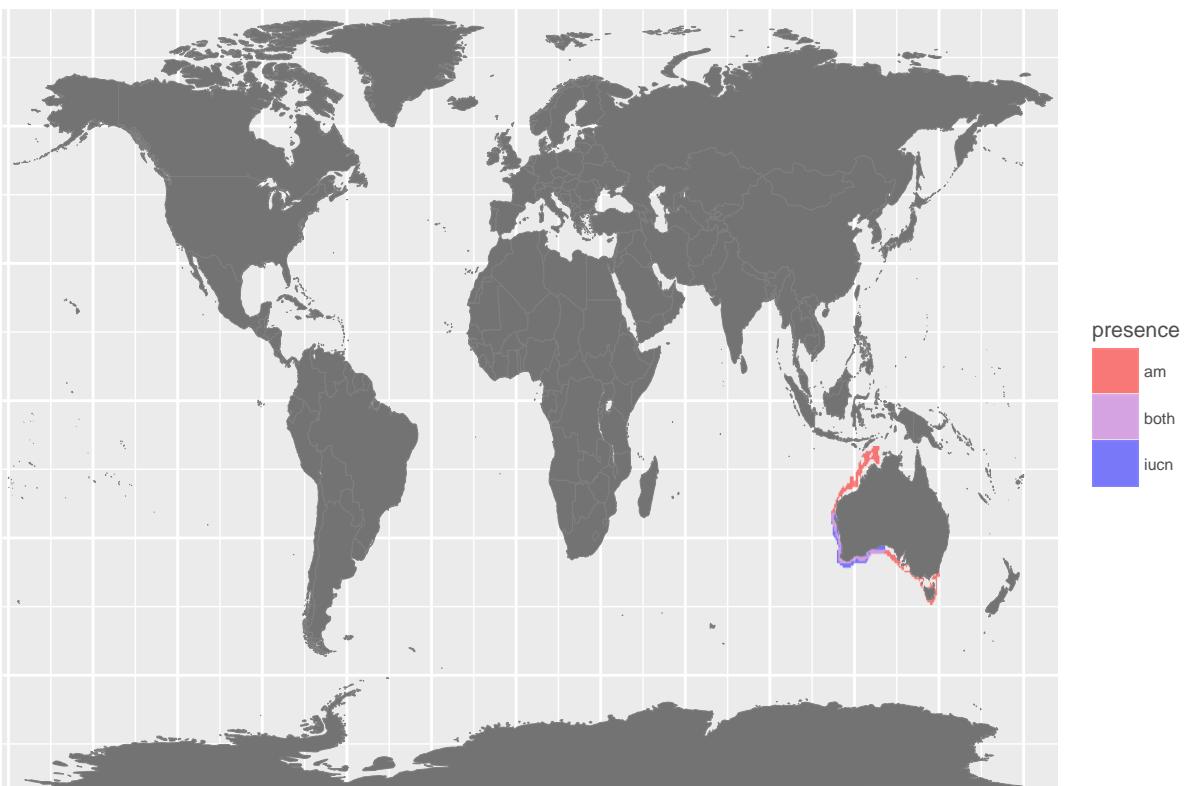


Acanthurus achilles (Acanthuridae), quadrant 4: Distribution align: 51.8%, Extent align: 69.5%

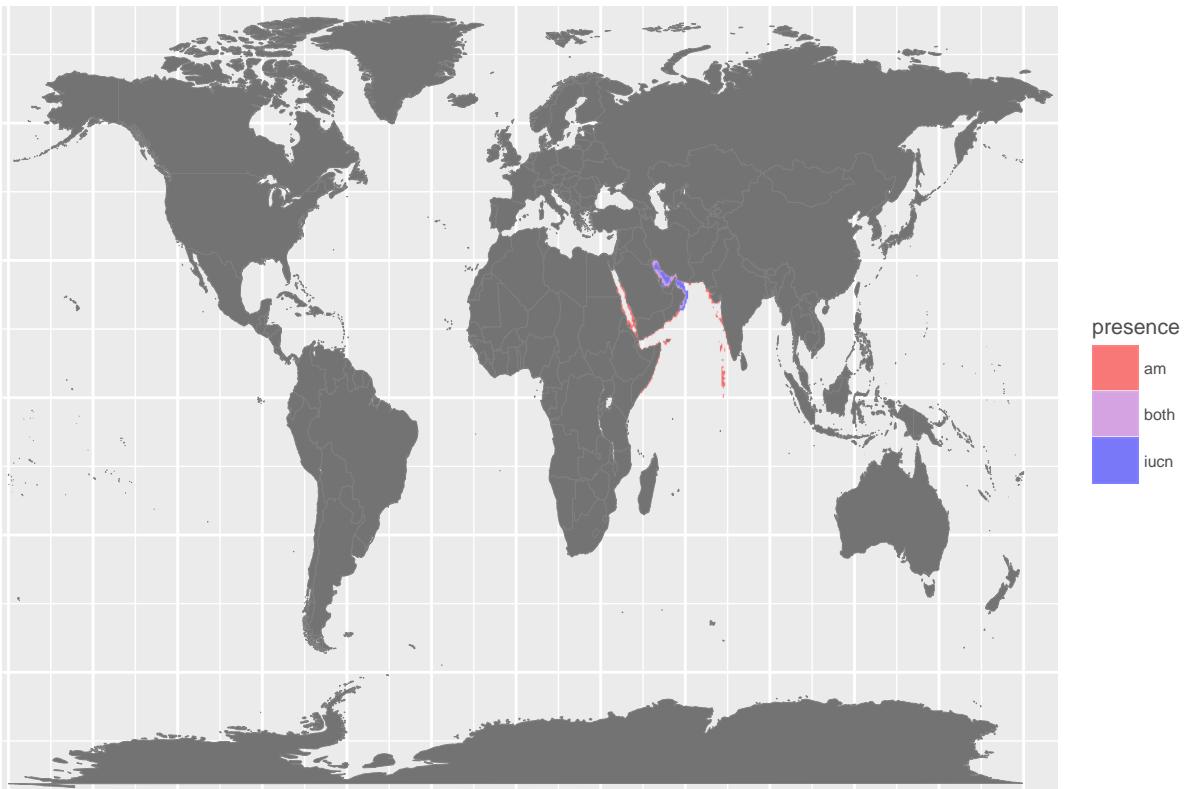


Plotting species from q4 (poorly matched)

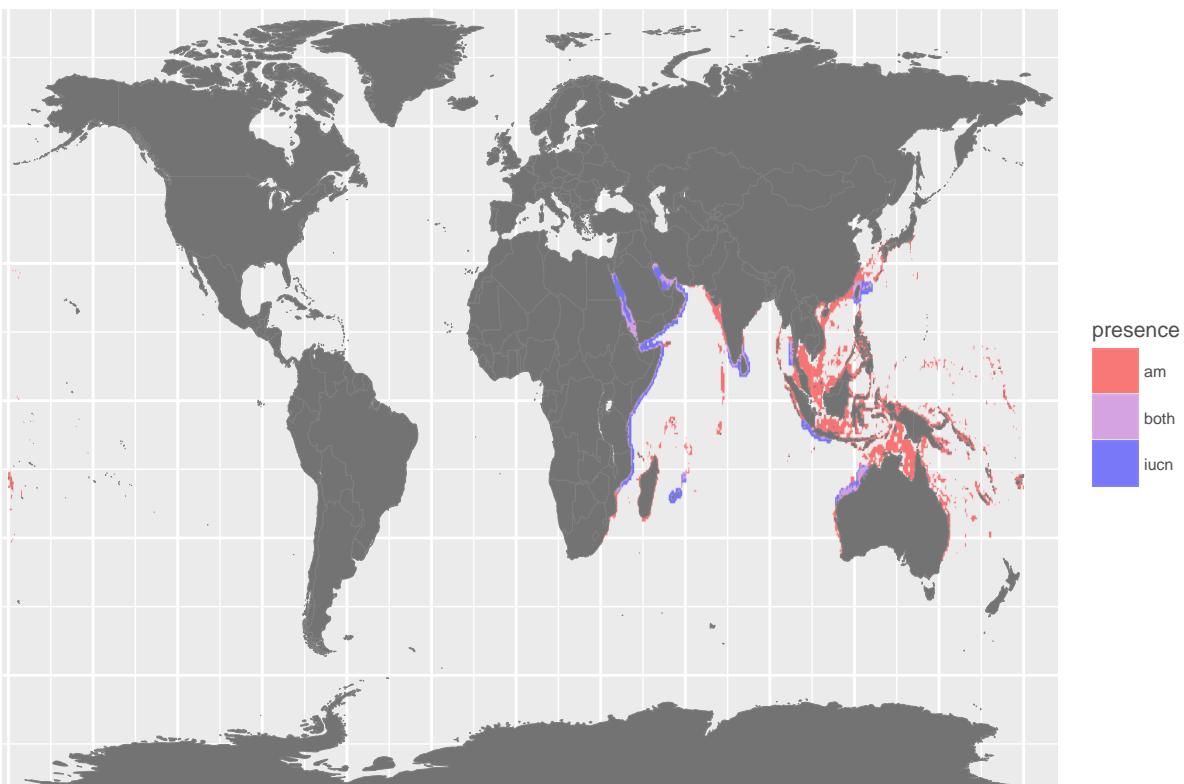
Bodianus vulpinus (Wrasses), quadrant 4: Distribution align: 54.3%, Extent align: 48.4%



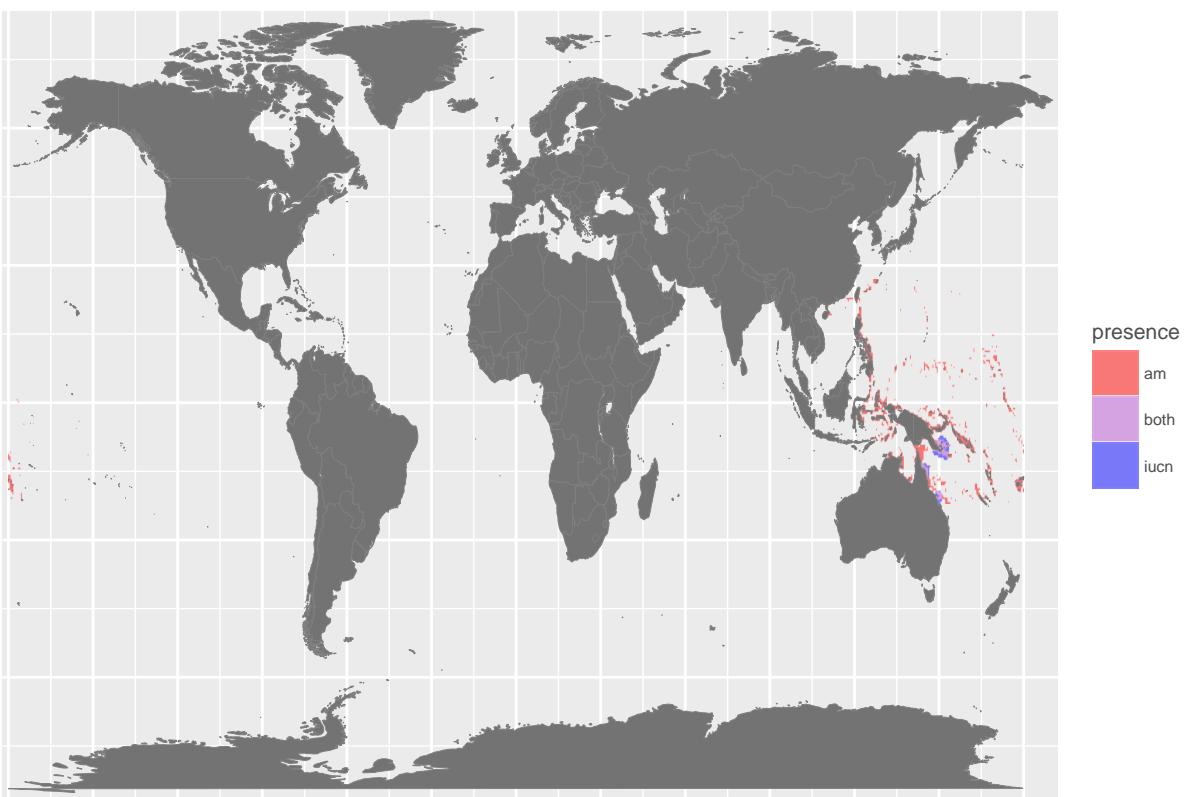
Chaetodon nigropunctatus (Butterflyfish), quadrant 4: Distribution align: 60.9%, Extent align: 35.8



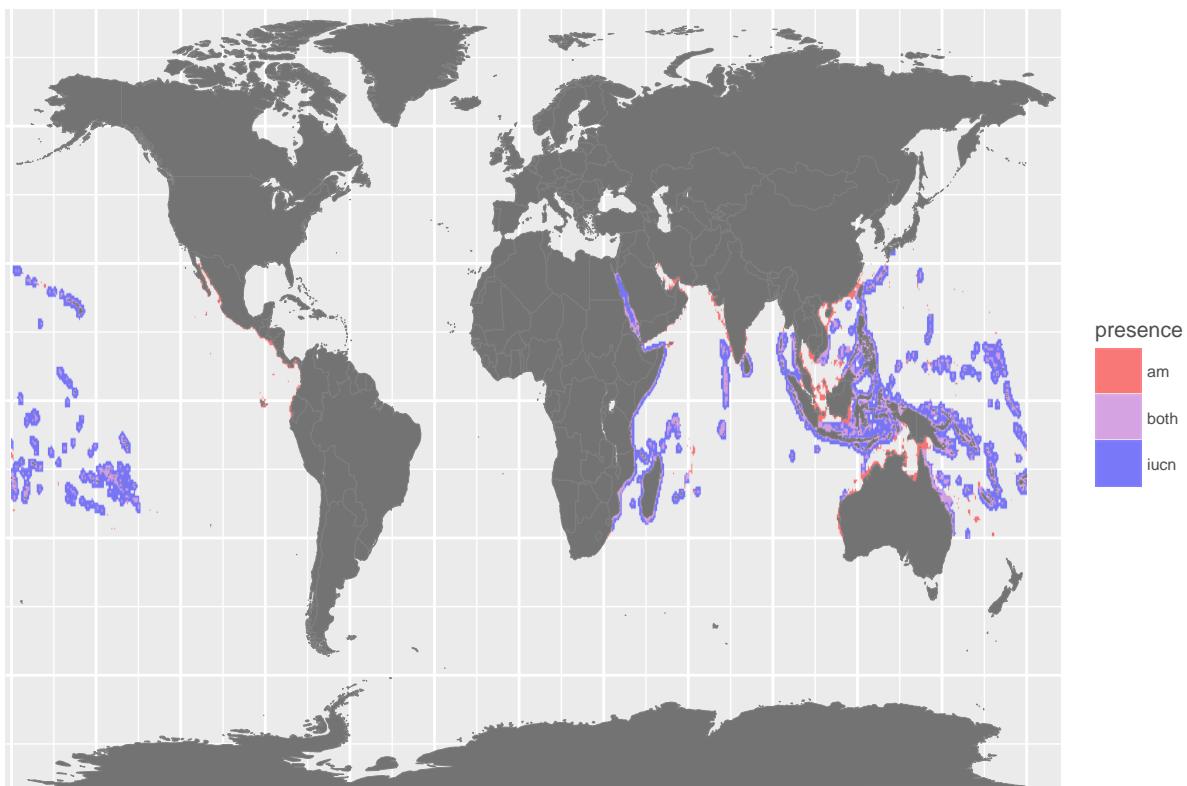
Choerodon robustus (Wrasses), quadrant 4: Distribution align: 50.4%, Extent align: 32.2%



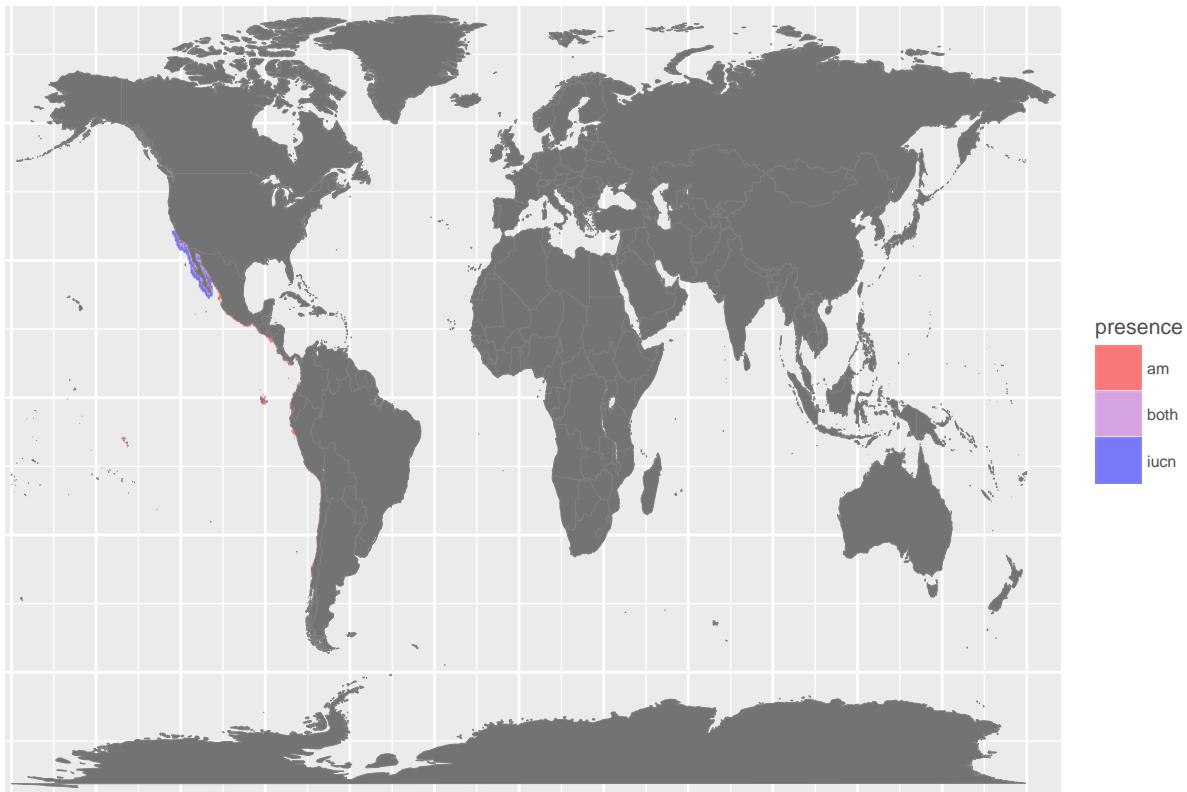
Ecsenius aequalis (Blenniidae), quadrant 4: Distribution align: 58.2%, Extent align: 11.6%



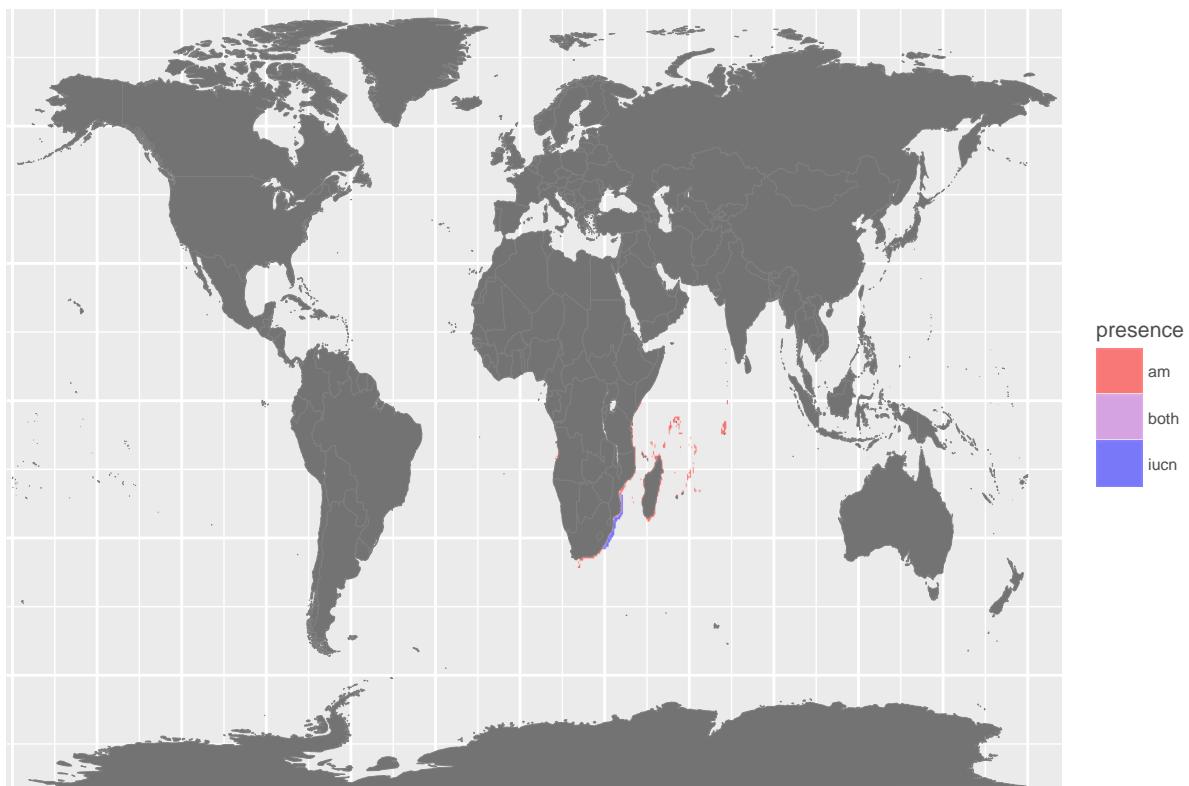
Exallias brevis (Blenniidae), quadrant 4: Distribution align: 65.8%, Extent align: 52.7%



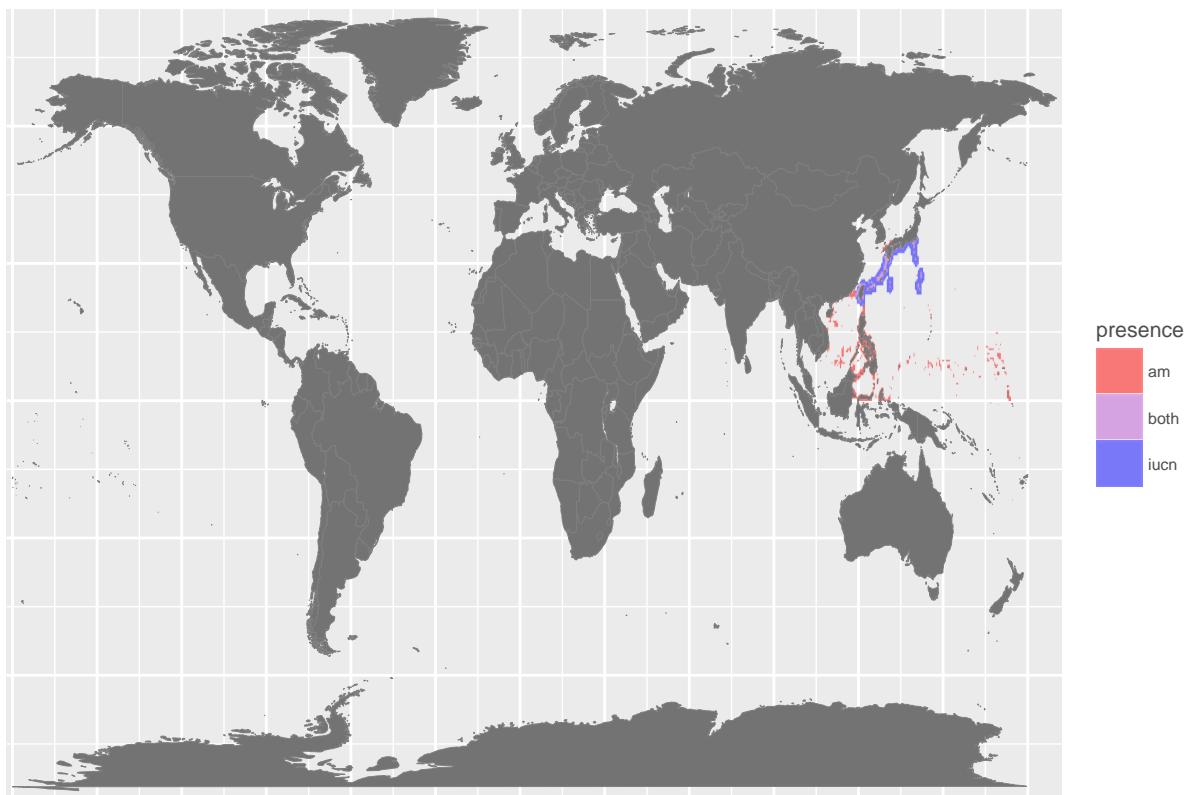
Hypsoblennius gentilis (Blenniidae), quadrant 4: Distribution align: 50.4%, Extent align: 50.5%



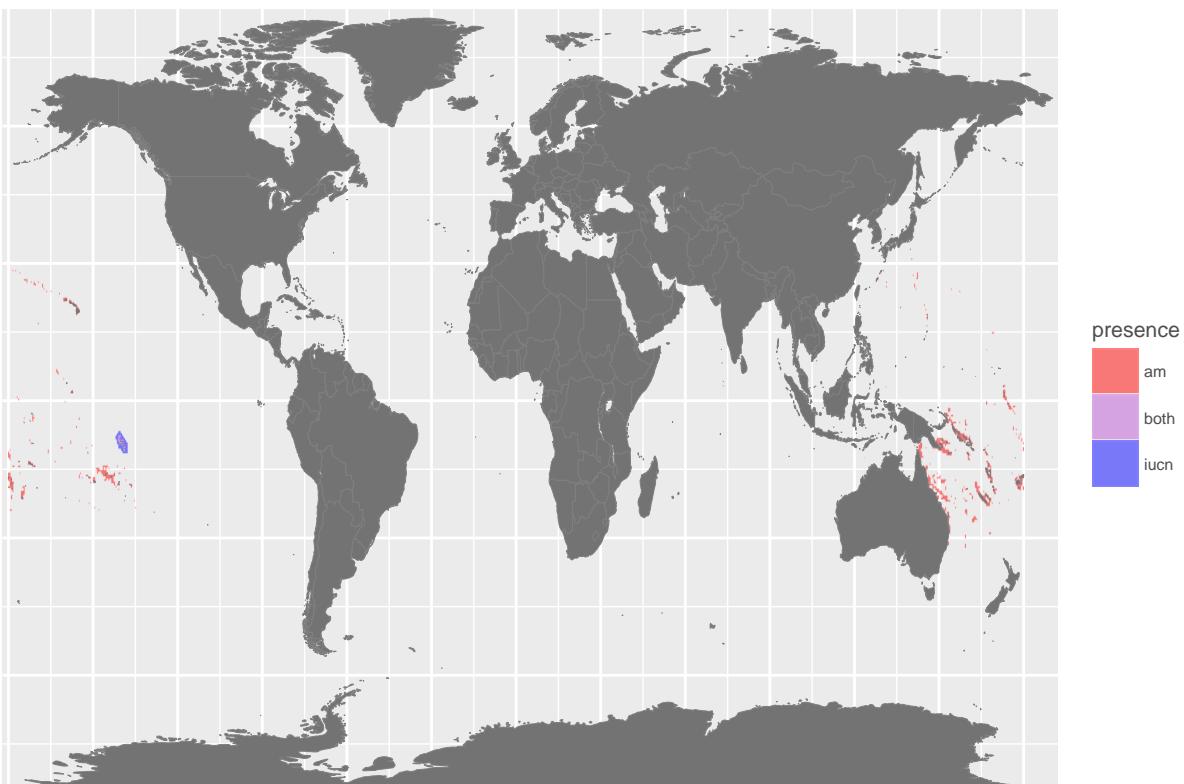
Omobranchus banditus (Blenniidae), quadrant 4: Distribution align: 49.4%, Extent align: 21.2%



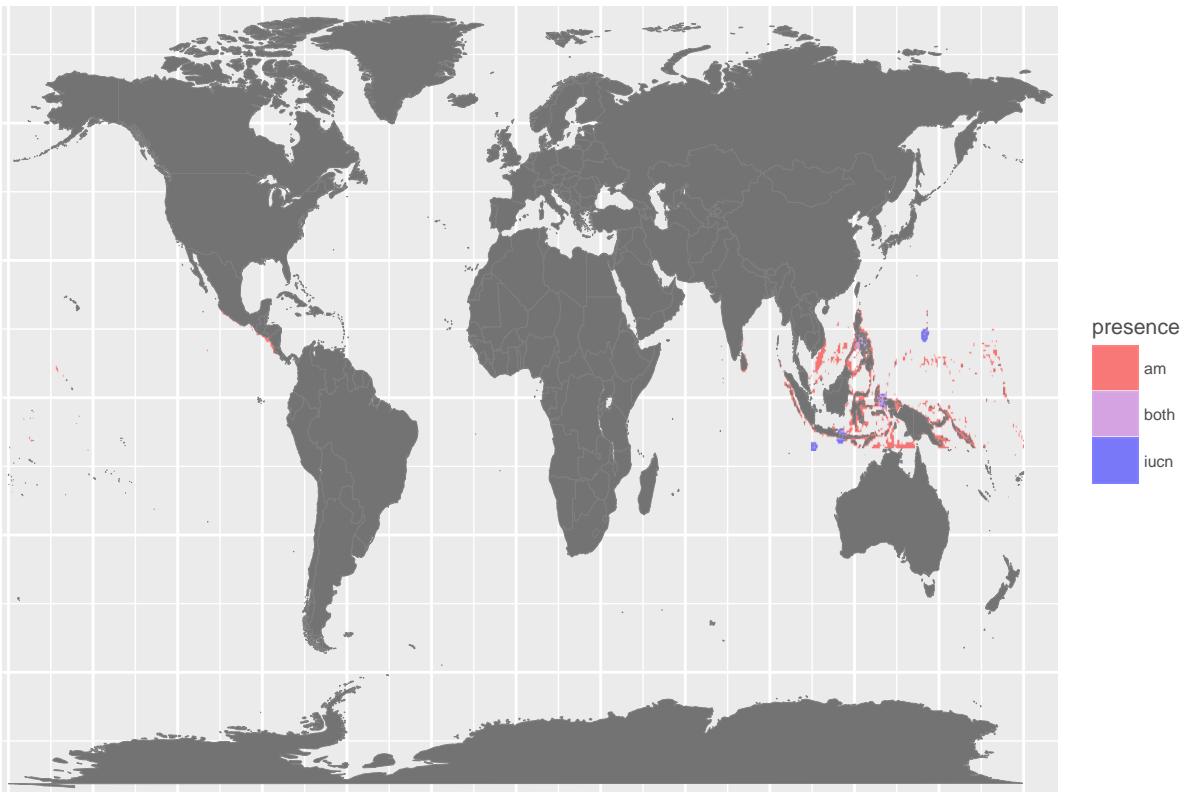
Praealticus tanegasimae (Blenniidae), quadrant 4: Distribution align: 32.4%, Extent align: 54%



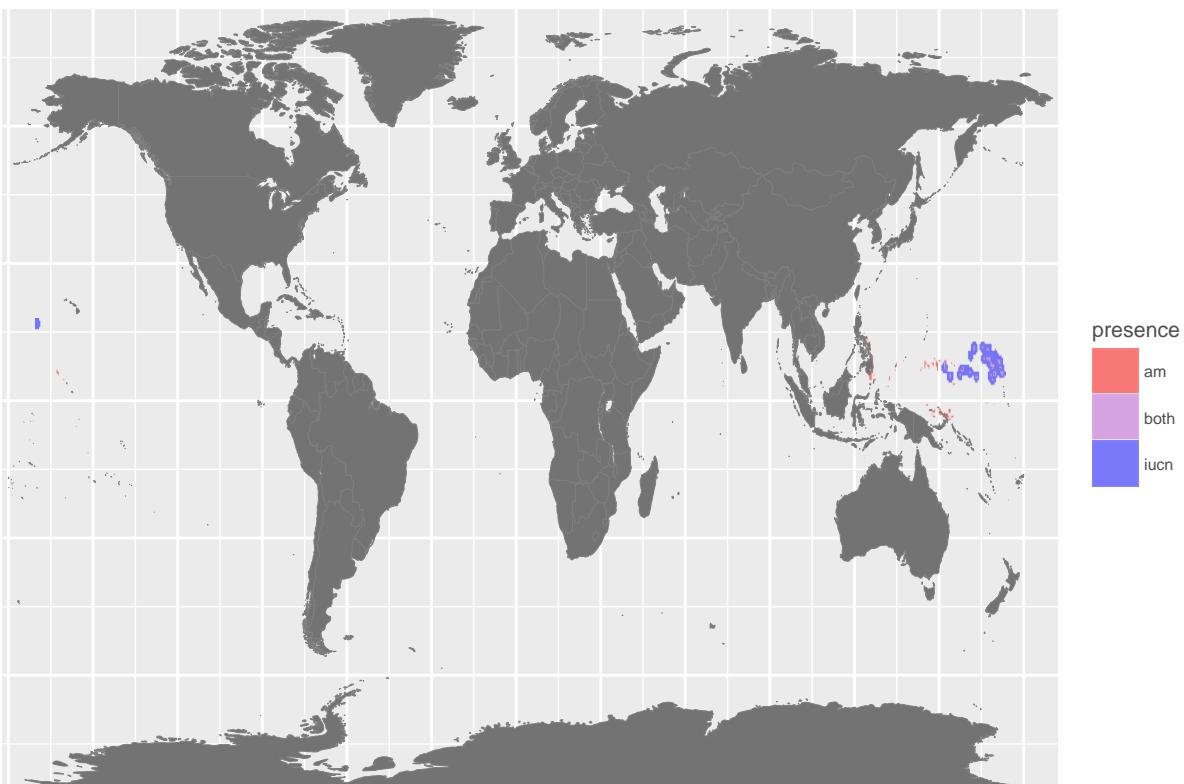
Stethojulis marquesensis (Wrasses), quadrant 4: Distribution align: 22.8%, Extent align: 8%



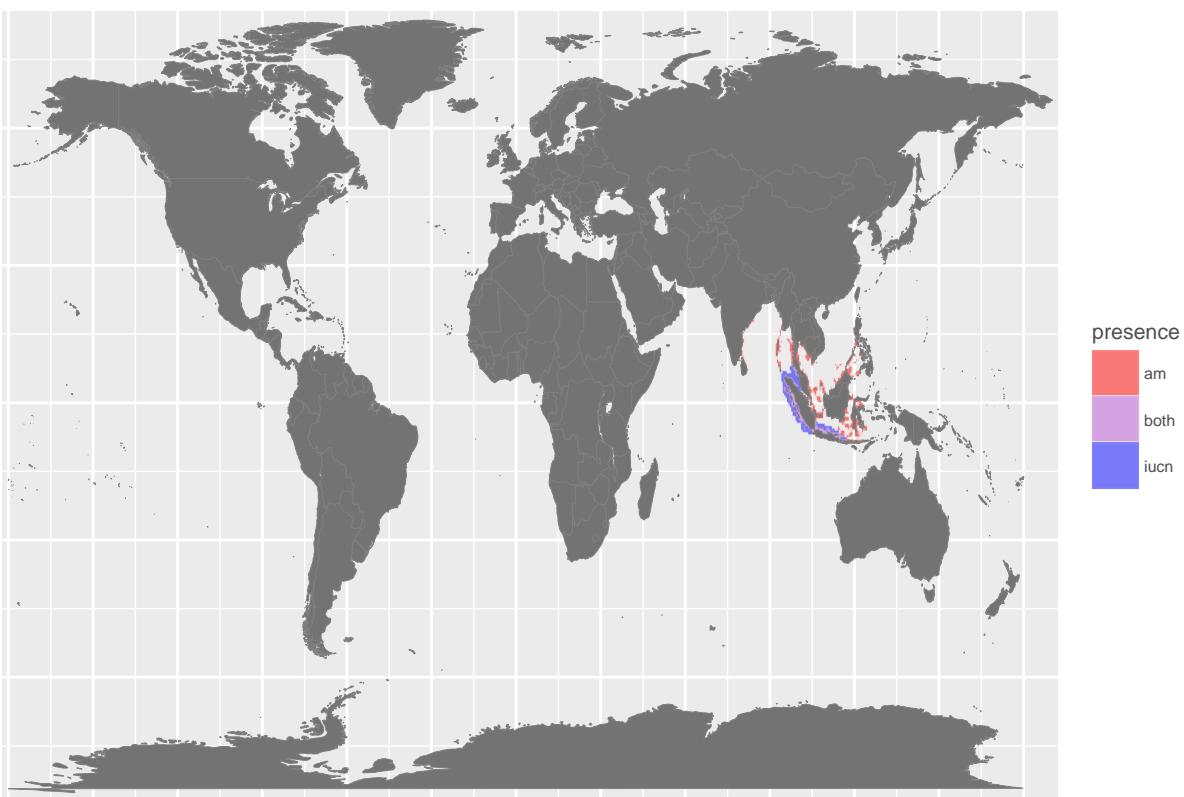
Canthigaster leoparda (Pufferfish), quadrant 4: Distribution align: 57.5%, Extent align: 11.1%



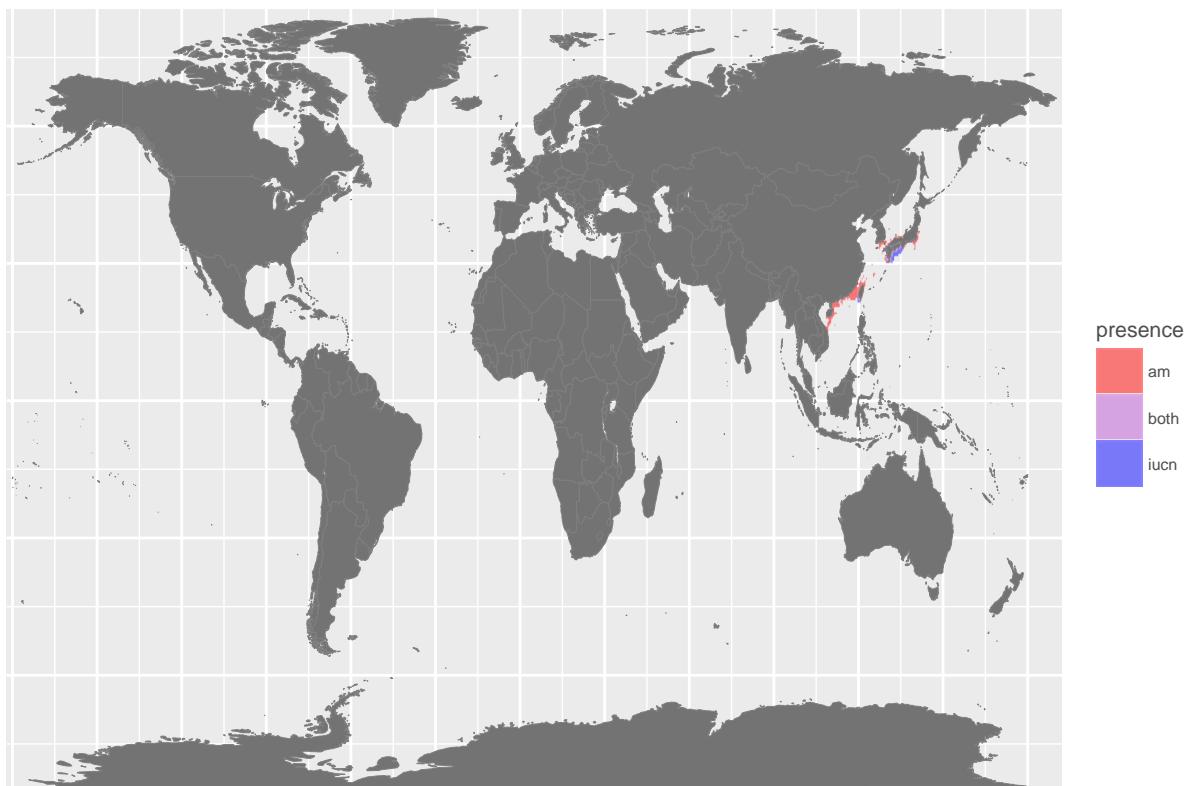
Cirrhilabrus luteovittatus (Wrasses), quadrant 4: Distribution align: 25.5%, Extent align: 42.9%



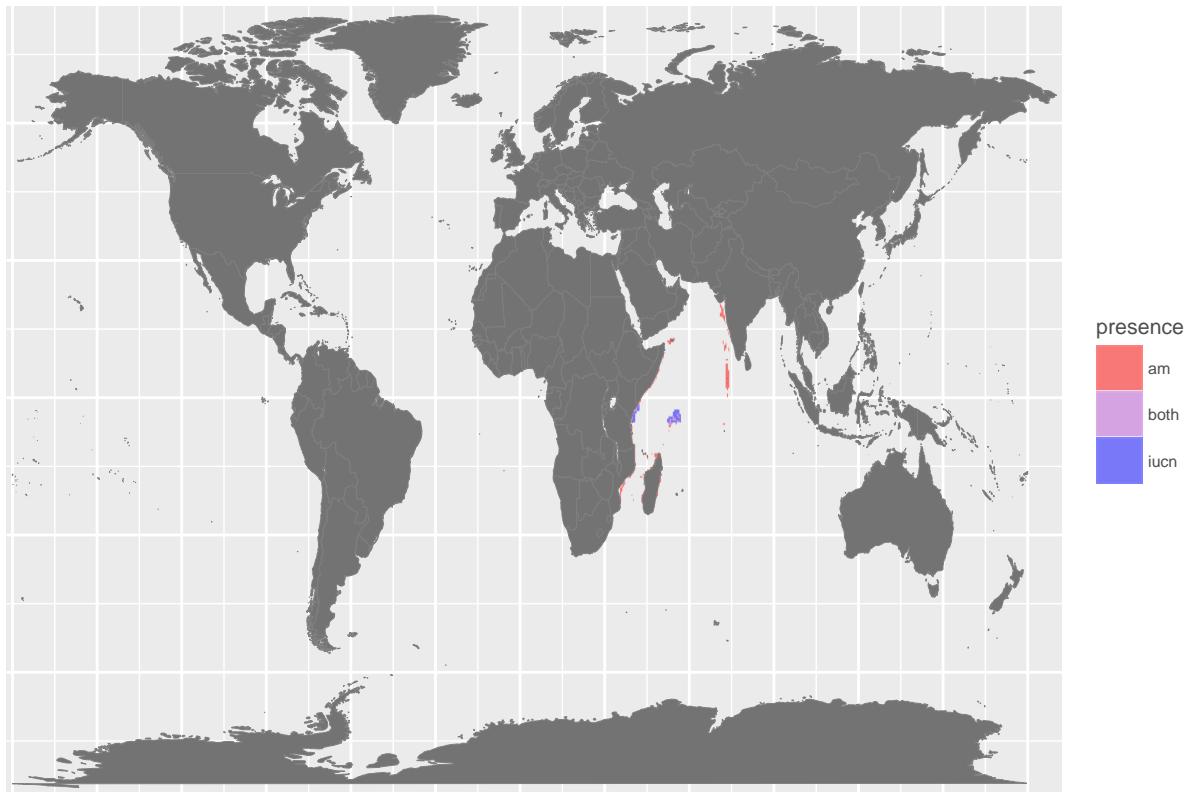
Ecsenius paroculus (Blenniidae), quadrant 4: Distribution align: 51.1%, Extent align: 46.6%



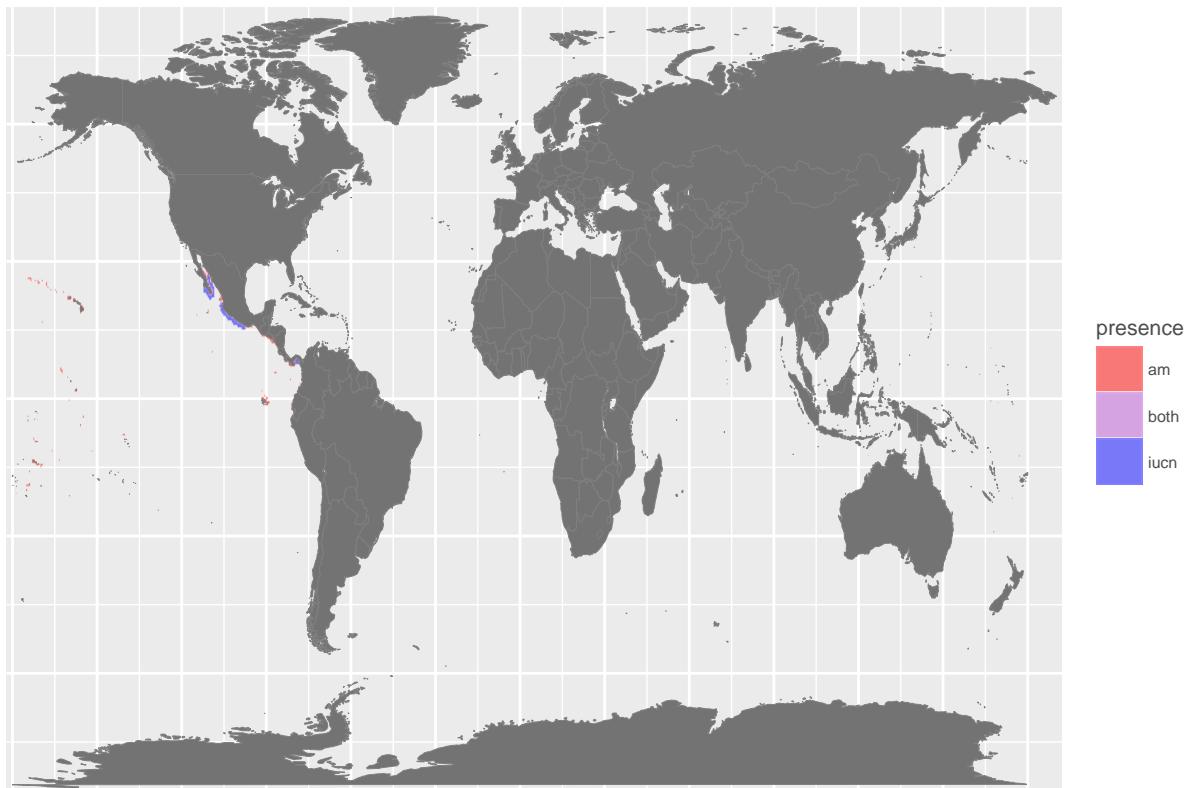
Laiphognathus longispinis (Blenniidae), quadrant 4: Distribution align: 58.1%, Extent align: 32.1%



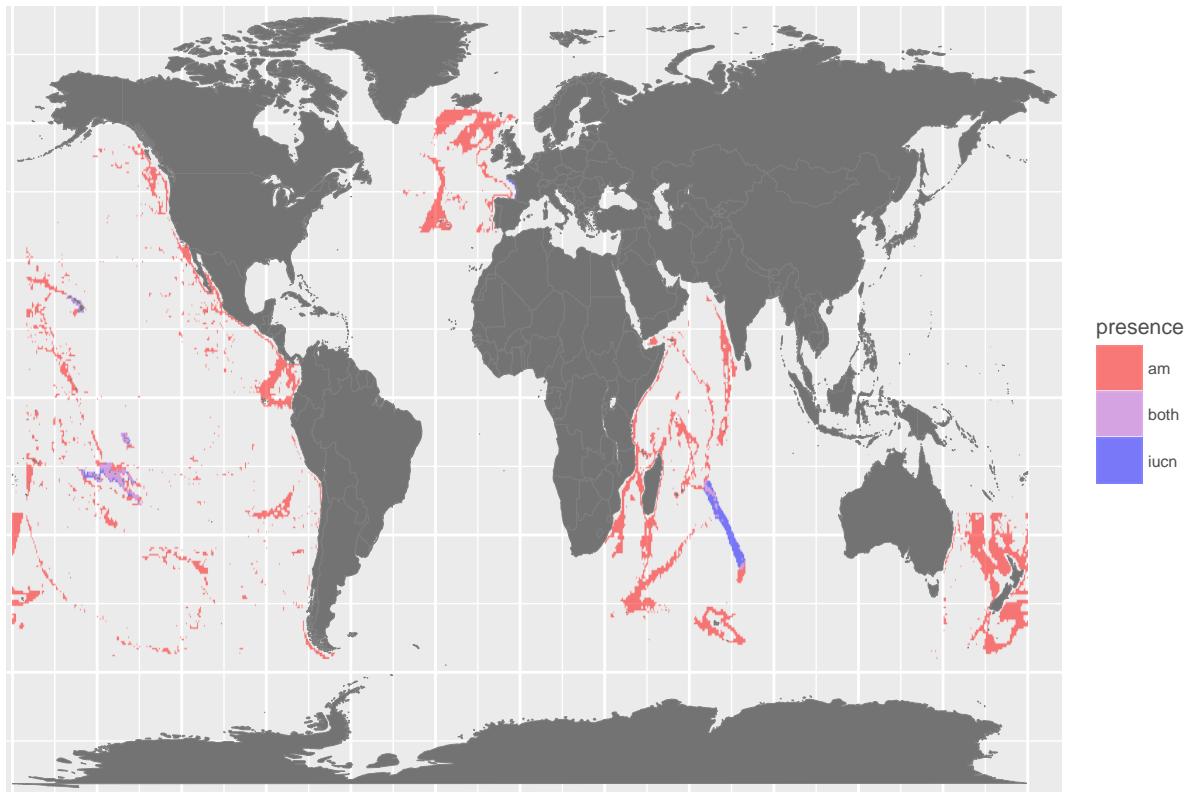
Paracheilinus attenuatus (Wrasses), quadrant 4: Distribution align: 35.9%, Extent align: 29.5%



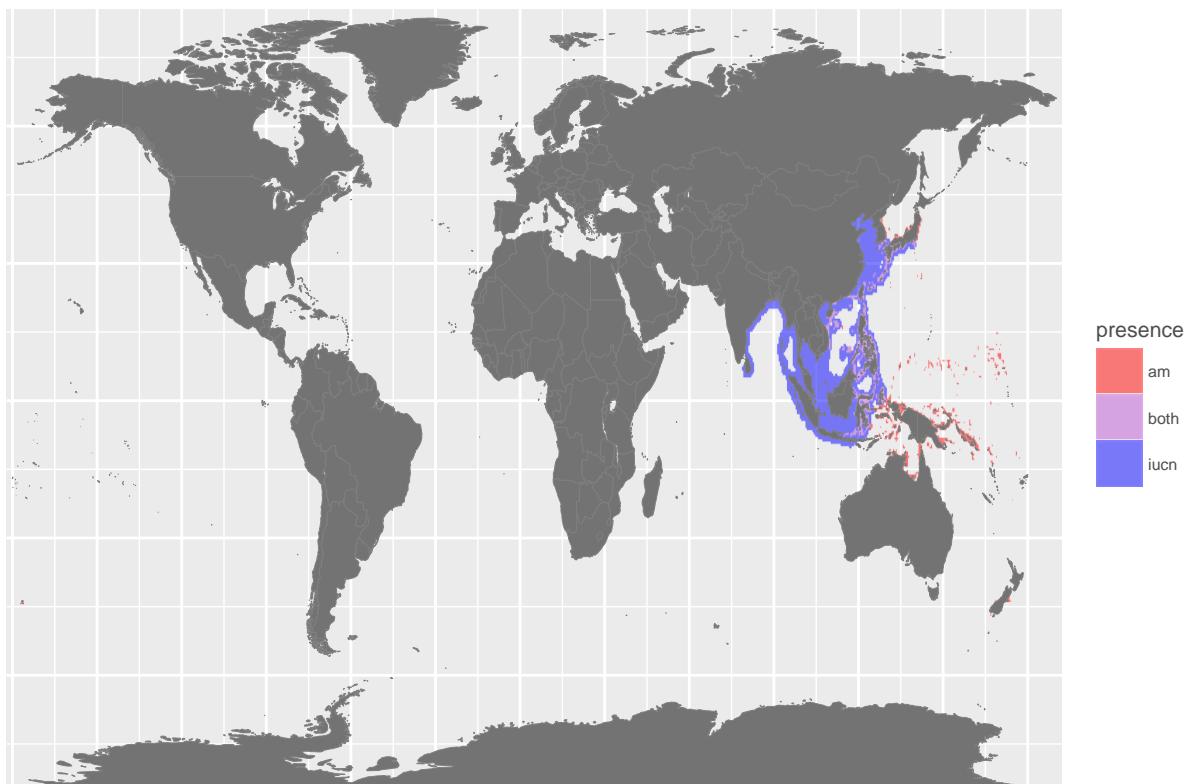
Xyrichtys mundiceps (Wrasses), quadrant 4: Distribution align: 37.5%, Extent align: 45.7%



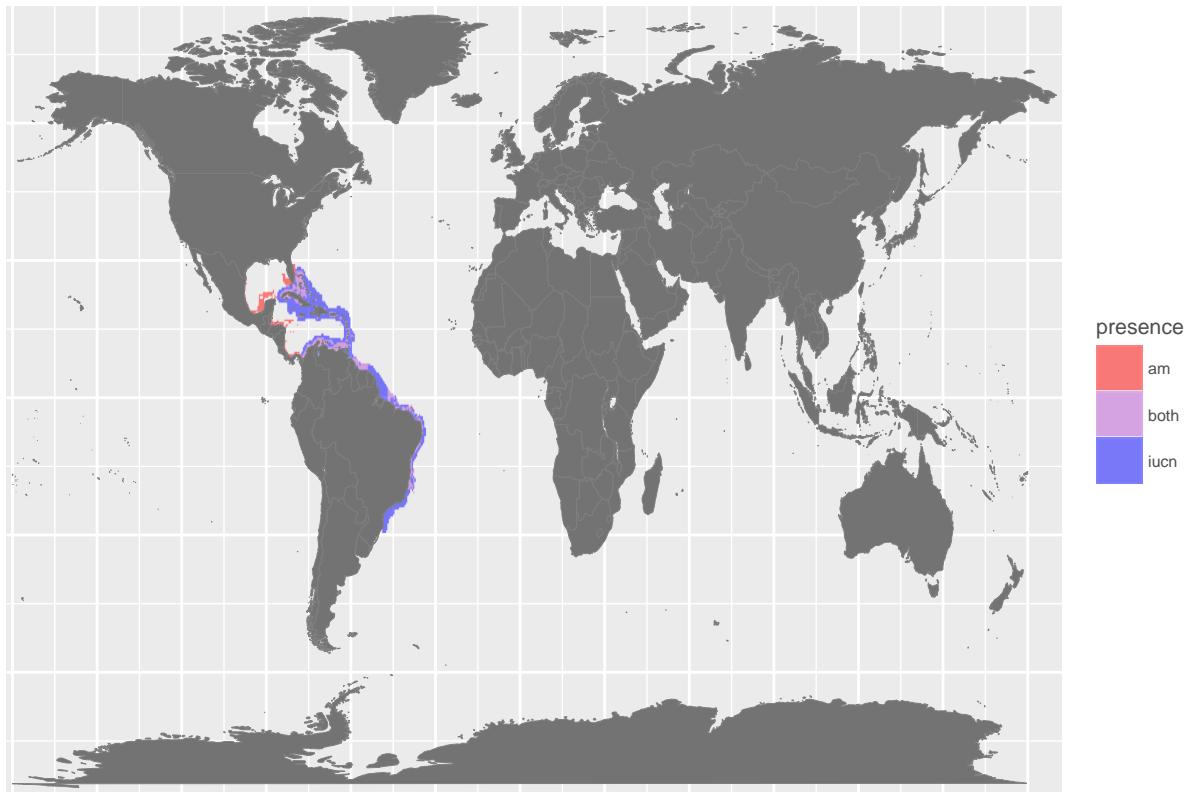
Pentacheles snyderi (Lobsters), quadrant 4: Distribution align: 48.4%, Extent align: 8.7%



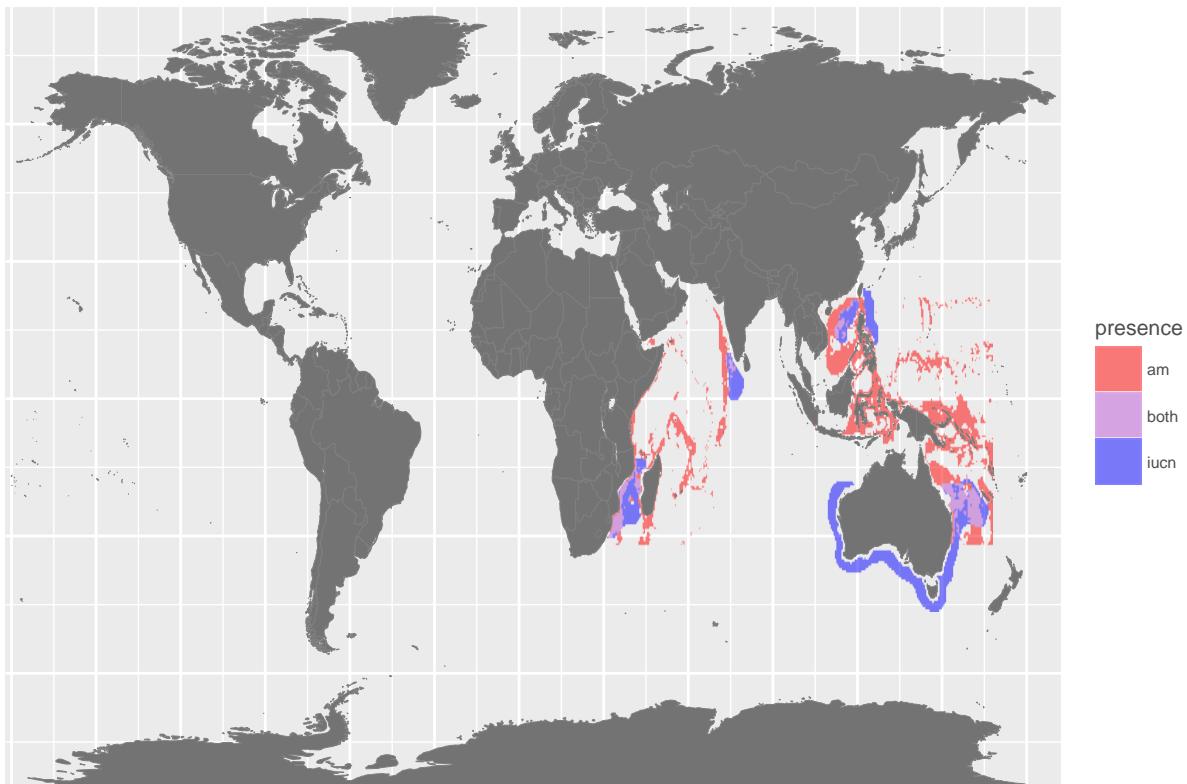
Conus characteristicus (Cone snails), quadrant 4: Distribution align: 46.8%, Extent align: 40.7%



Conus centurio (Cone snails), quadrant 4: Distribution align: 64.7%, Extent align: 45%



Nephropsis sulcata (Lobsters), quadrant 4: Distribution align: 24.1%, Extent align: 48.8%



Turbinaria bifrons (Corals 2), quadrant 4: Distribution align: 62.3%, Extent align: 37%

