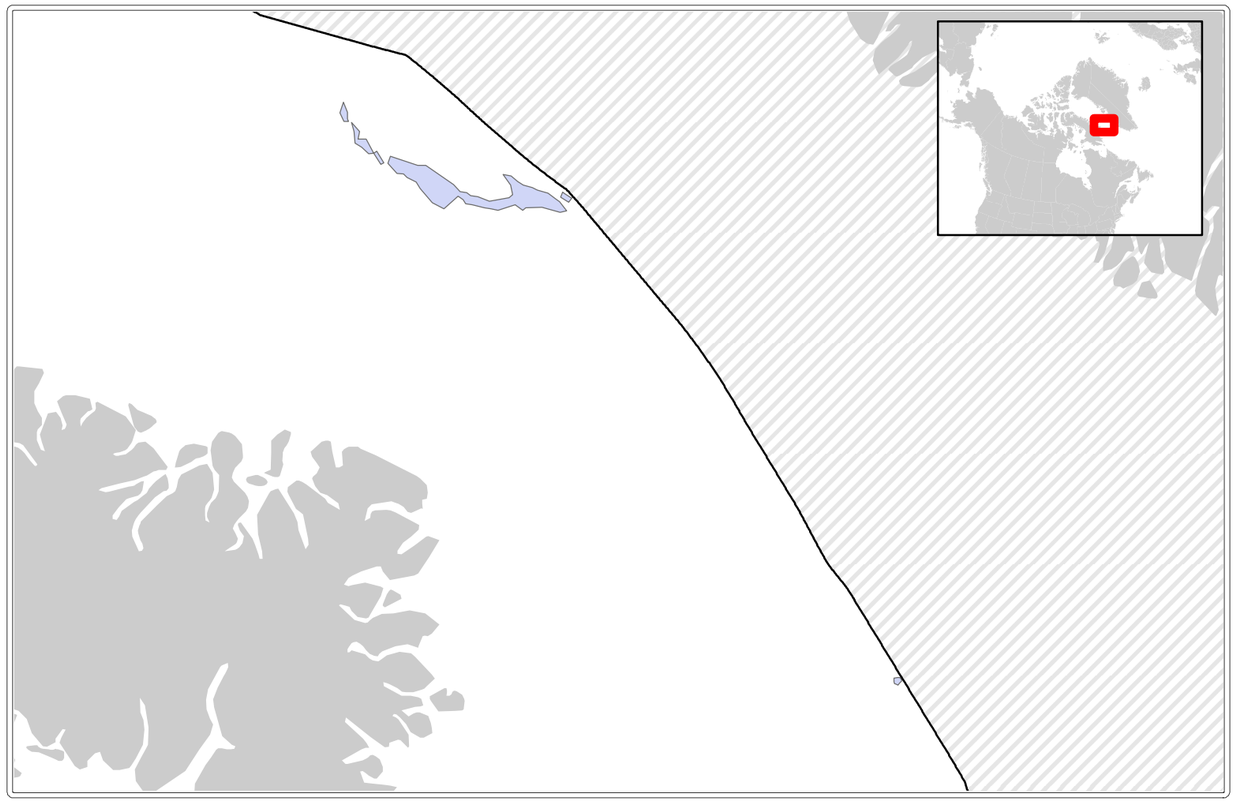
1510: Sensitive benthic areas



Large gorgonian coral concentrations, Davis Strait (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

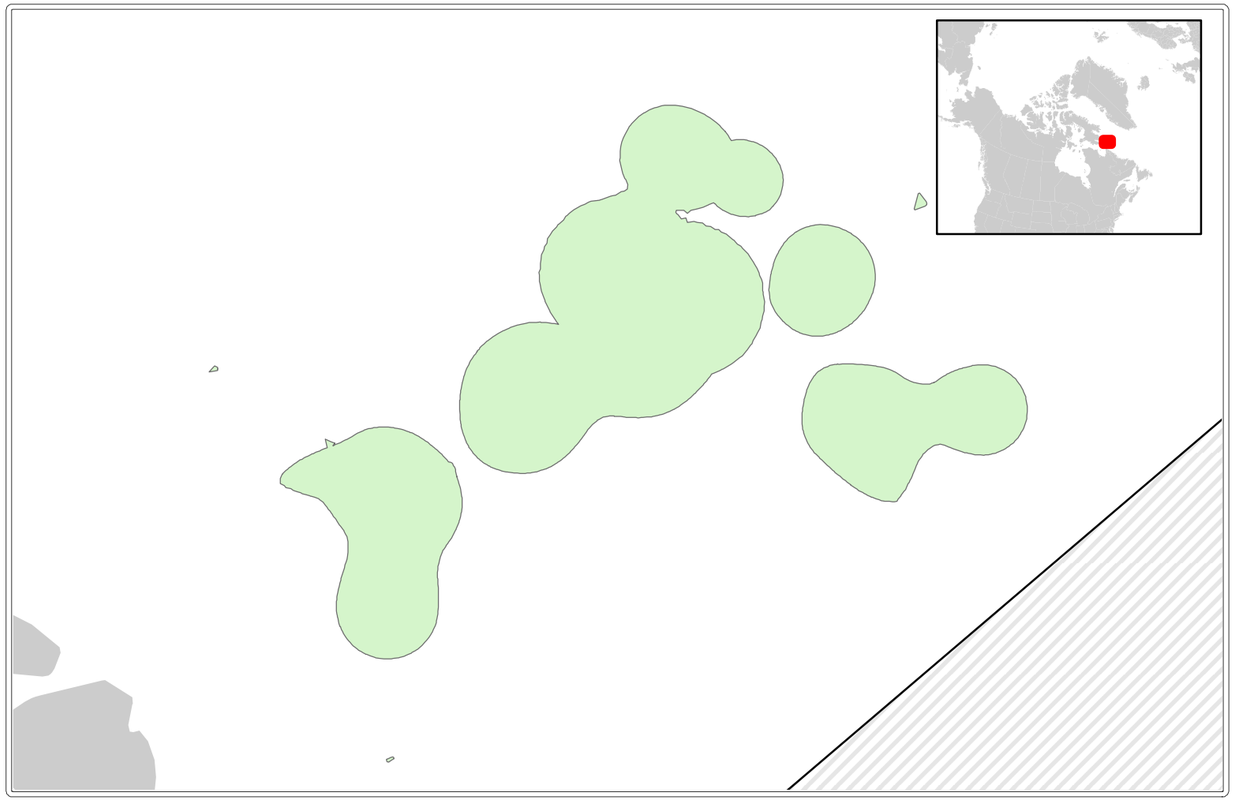
Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1511: Sensitive benthic areas



Large gorgonian coral concentrations, Labrador Sea (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

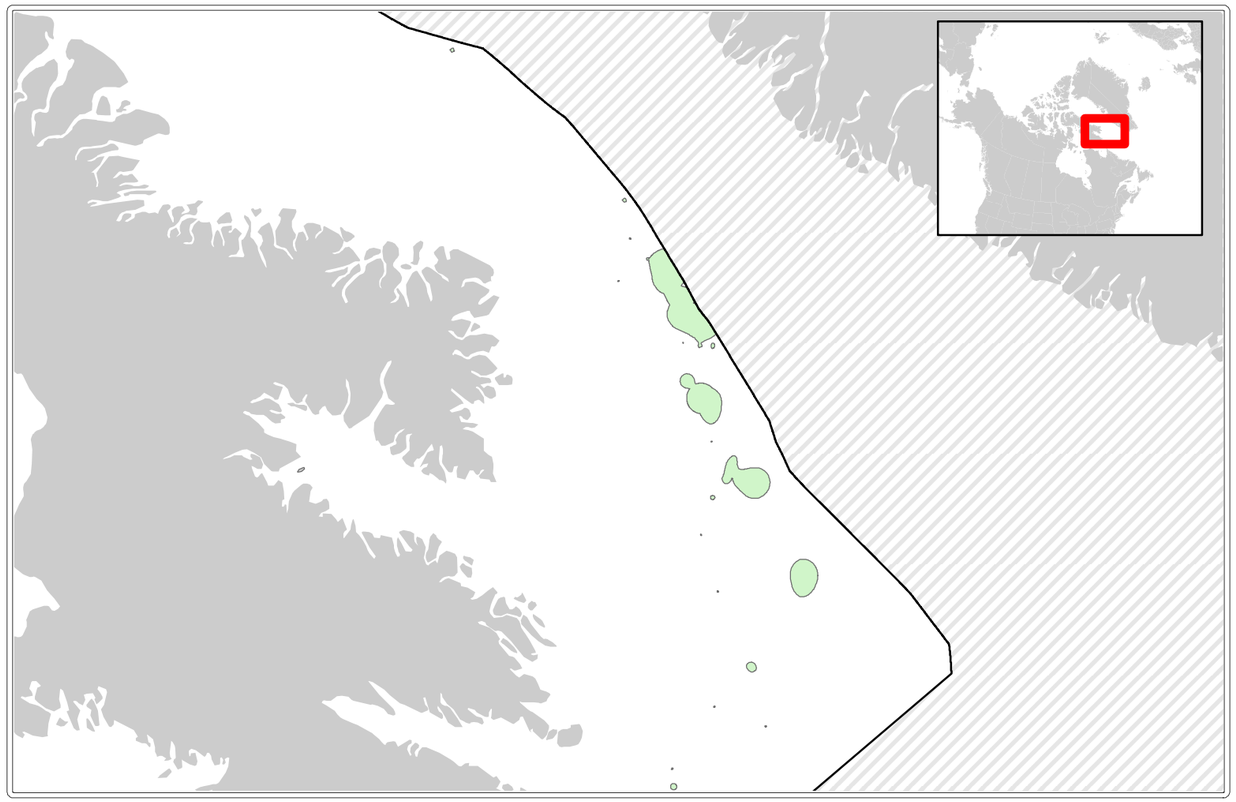
Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1512: Sensitive benthic areas



Small gorgonian coral concentrations (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1513: Sensitive benthic areas

Seapen (Pennatulacea) concentrations, Davis Strait (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

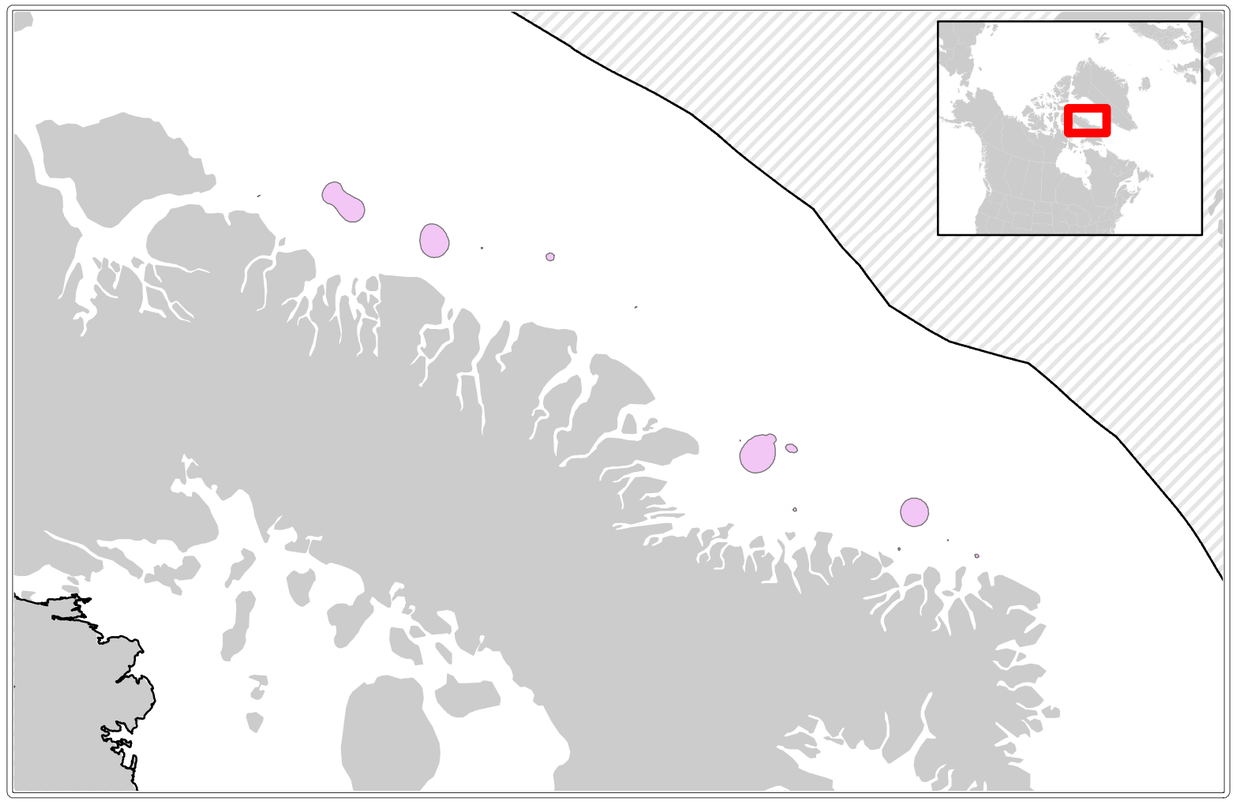
Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1514: Sensitive benthic areas



Seapen (Pennatulacea) concentrations, Coastal Baffin Island (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

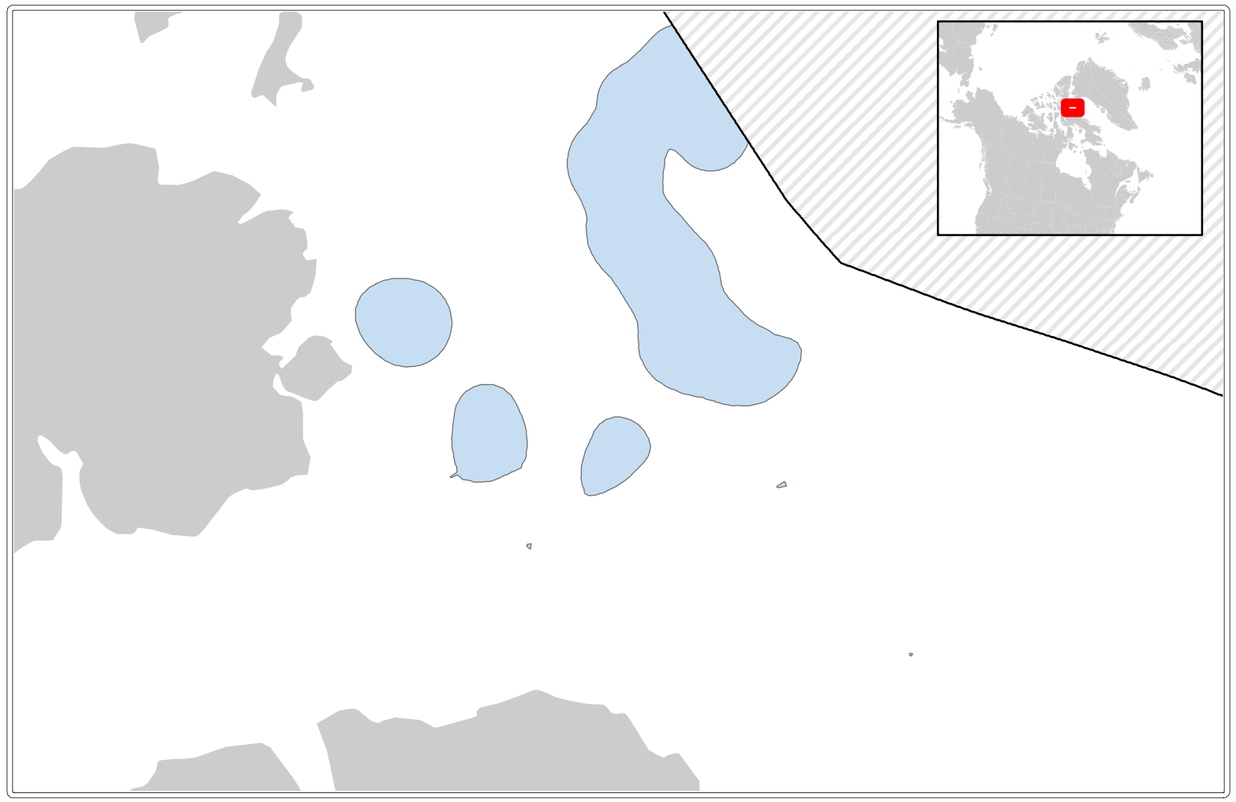
Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1515: Sensitive benthic areas



Seapen (Pennatulacea) concentrations, Lancaster Sound (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

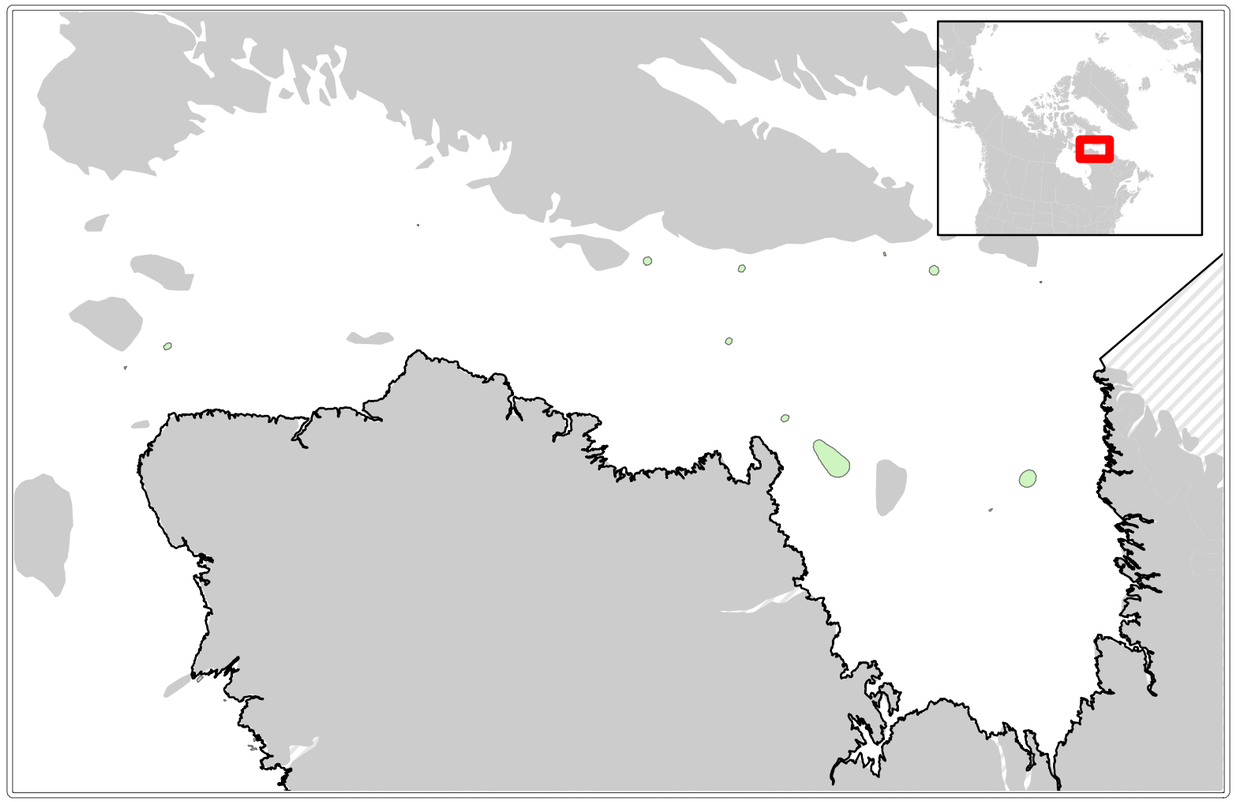
Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1516: Sensitive benthic areas



Sponge concentrations (HB)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Sensitive Benthic Areas

Data Summary

Management Unit: N/A

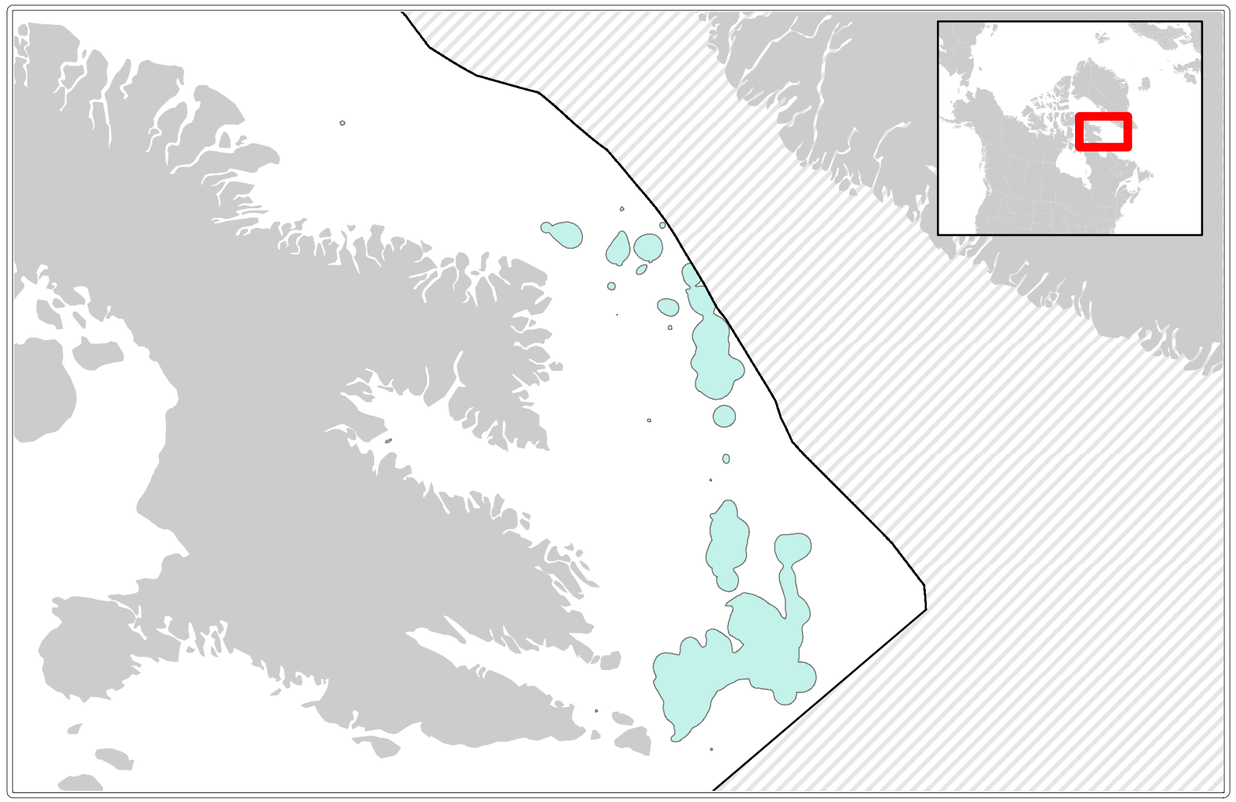
Marine Bioregion: Hudson Bay Complex

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A

1517: Sensitive benthic areas



Sensitive Benthic Areas

Sponge concentrations (EA)

Date: (1) 2016; (2) 2018

Open Source: No

Organization: (1) DFO; (2) WWF-Canada

Associated Report: (1) Research Document - 2016/093: Delineation of Coral and Sponge Significant Benthic Areas in Eastern Canada Using Kernel Density Analyses and Species Distribution Models; (2) Generated in-house using data from multiple sources

Authors: (1) E. Kenchington, L. Beazley, C. Lirette, F.J. Murillo, J. Guijarro, V. Wareham, K. Gilkinson, M. Koen-Alonso, H. Benoît, H. Bourdages, B. Sainte-Marie, M. Treble, and T. Siferd; (2) WWF-Canada

Data Summary

Management Unit: N/A

Marine Bioregion: Eastern Arctic

Description: Data used to develop polygons for for sponges, corals, and seapens areas was obtained from DFO datasets of Arctic large and small gorgonian coral (Alcyonacea), sponge (Porifera), and seapen (Pennatulacea) distributions (1)published in 2017. Data extends from Davis Strait to Baffin Bay and Hudson Strait and was developed through quantitative analyses of research vessel trawl survey data, supplemented with other data sources where available. These data supplemented by data from the assembled benthic presence datasets assembled for WWF-Canada by a contractor (2). These additional data expand the area where these taxa have been found into the Hudson Bay Complex and further into the Eastern Arctic. The resulting layers were split by bioregion for use in MECCEA.

Associated Links

(1) https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ResDocs-DocRech/2016/2016_093-eng.html;
(2) N/A