Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung

Bentho-Pelagic Processes

Academic Year 2015-2016

## Winter foraging hotspots of Weddell seals (Leptonychotes weddellii) in the southern Weddell Sea



## Dominik Andre Nachtsheim

Promoter / Supervisor: Dr. Horst Bornemann

Master thesis submitted for the partial fulfillment of the title of

Master of Science in Marine Biodiversity and Conservation

within the International Master of Science in Marine Biodiversity and Conservation (EMBC+)







No data can be taken out of this work without prior approval of the thesis promoter / supervisor.
Dominik Andre Nachtsheim
Blumenweg 10
57518 Betzdorf Germany
d.nachtsheim@outlook.de
Construction of the Constr
<u>Cover photo:</u> A Weddell seal ( <i>Leptonychotes weddellii</i> ) is surfacing through a tidal crack in the fast ice of the
Drescher Inlet (72°48'11.8"S 19°13'56.2"W), preying upon the pelagic fish <i>Anotopterus pharao</i> .
Photograph: Dominik Andre Nachtsheim, 3 January 2016