

**НАУЧНЫЕ ИЗЫСКАНИЯ
ЛАБОРАТОРИИ МОРСКИХ
ИССЛЕДОВАНИЙ
ЗООЛОГИЧЕСКОГО
ИНСТИТУТА РАН
В МОРЯХ РОССИЙСКОЙ
АРКТИКИ**



С.Г. Денисенко



Основные направления лаборатории морских исследований



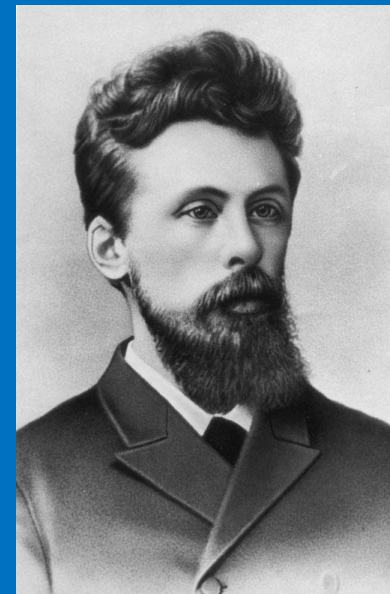




**Адольф-Эдуард
Грубе
(1812-1880)**



**Алексей Андреевич
Бялыницкий-Бируля
(1864—1937)**



**Николай Михайлович
Книпович
(1862-1939)**



**Надежда Павловна
Анненкова (Хлопина)
(1887–1950)**



**Григорий Петрович
Горбунов
(1894 – 1942)**



**Константин Михайлович
Дерюгин
(1876-1938)**

Результаты наблюдений ГЭСЛО



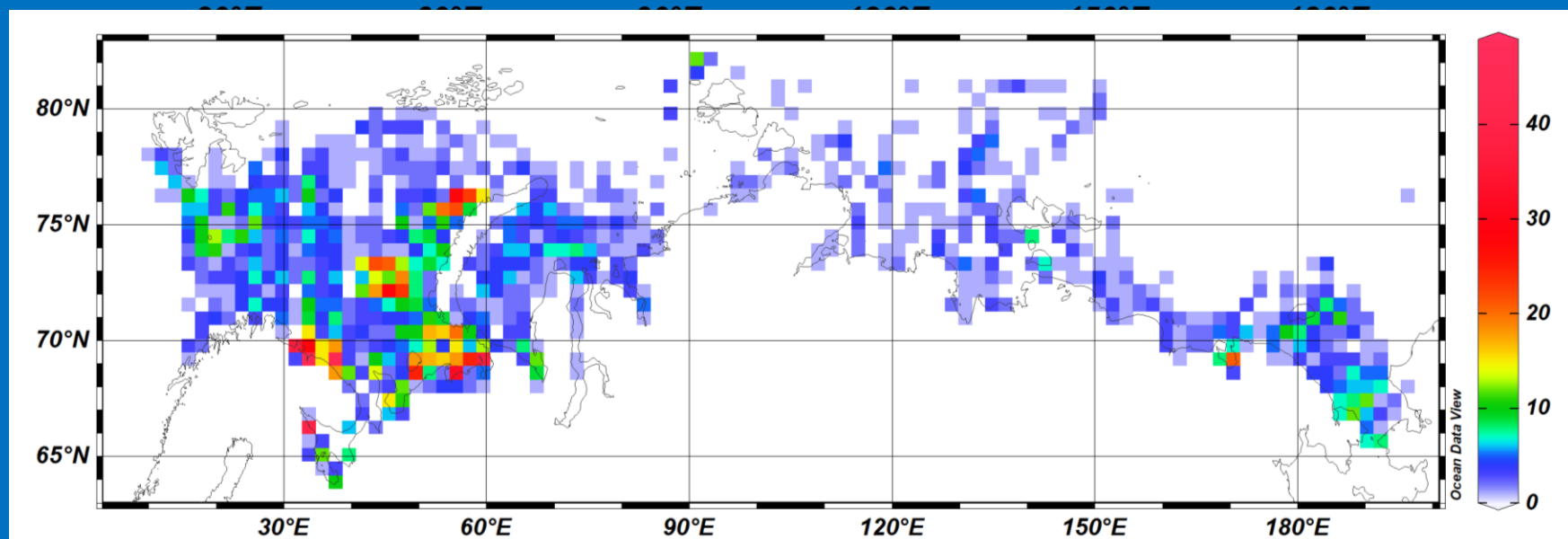
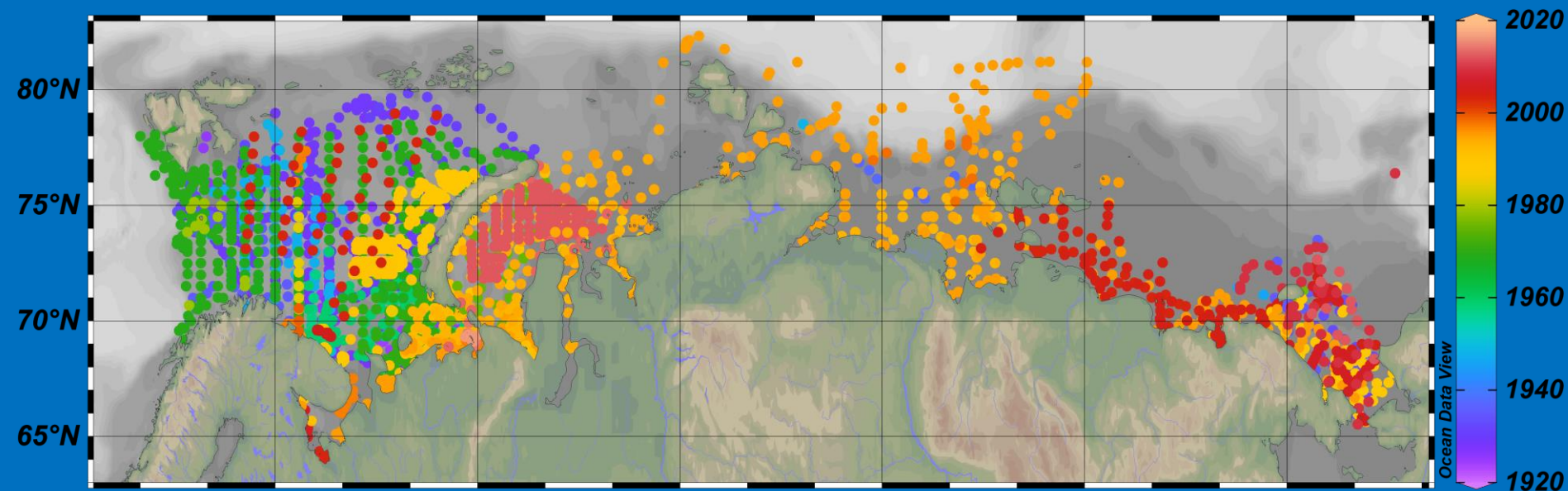
**Арнгольд Эдуард
Григорьевич**

В течение 1910-1915 гг.
экспедиция собрала
обширные
зоологические
материалы по водной
фауне



**Старокадомский Леонид
Михайлович**

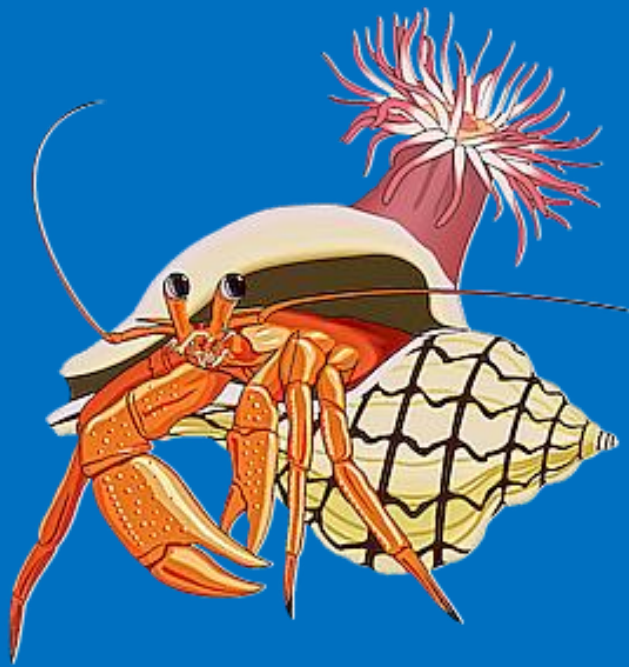
Гидробиологические работы ЗИН РАН (в разные годы) и их плотность



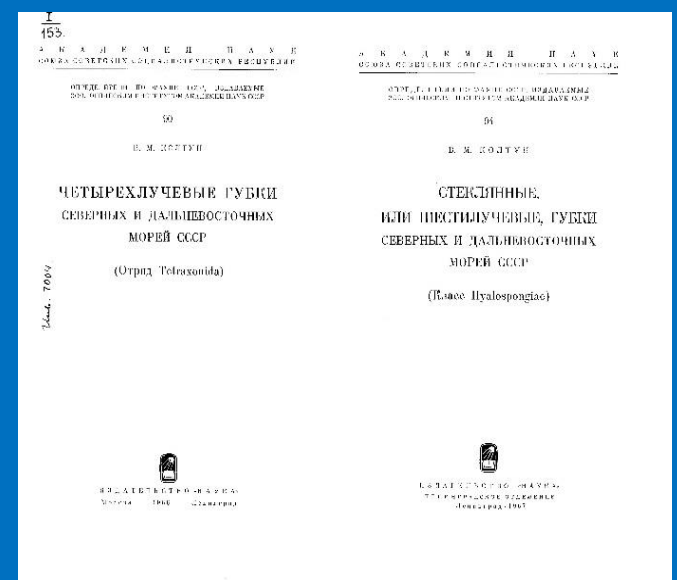
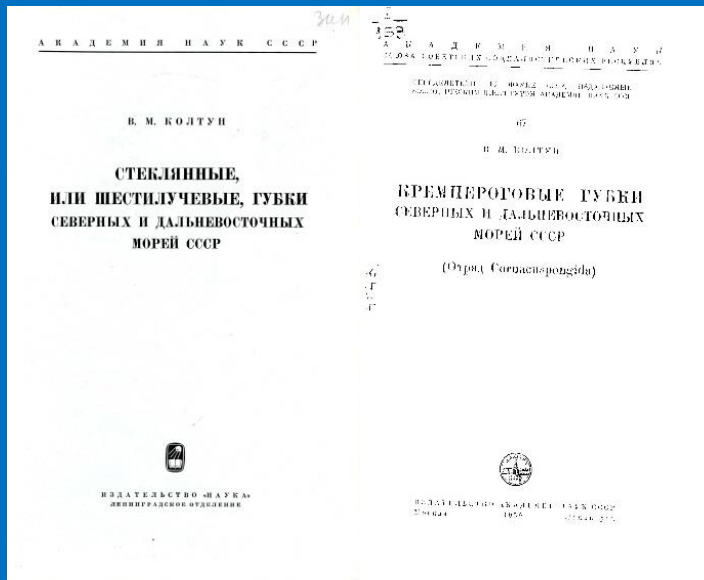
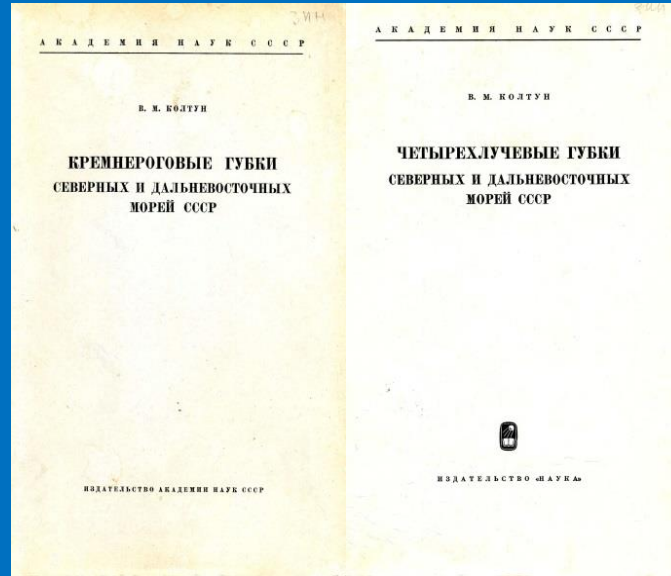
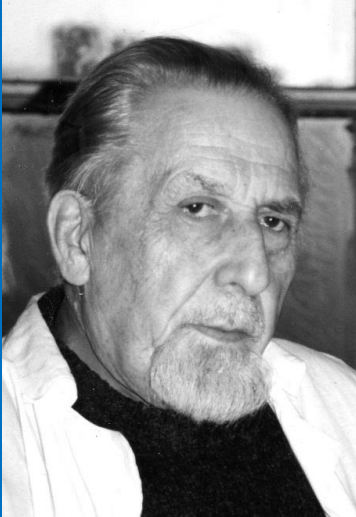
Сотрудники лаборатории морских исследований в 1981 г.



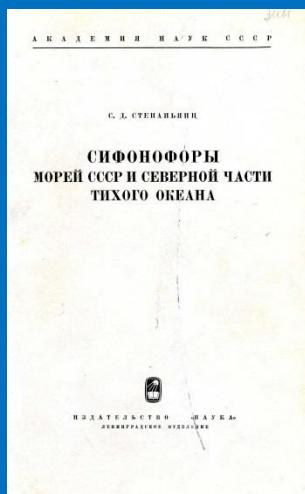
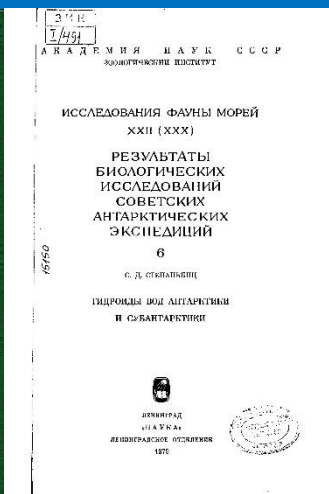
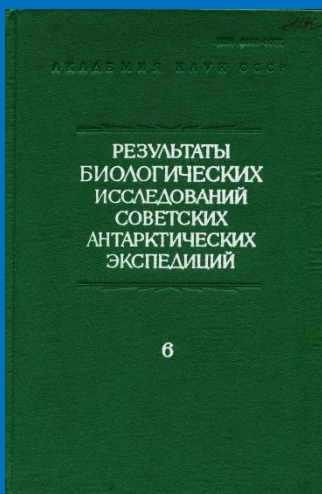
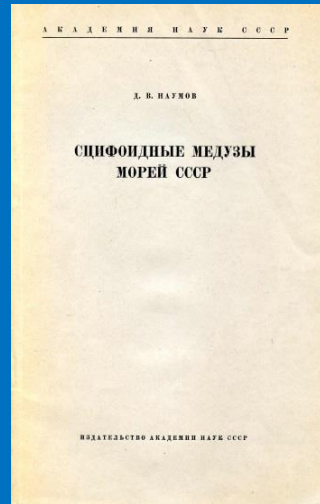
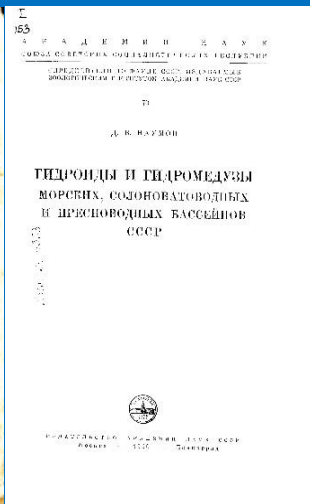
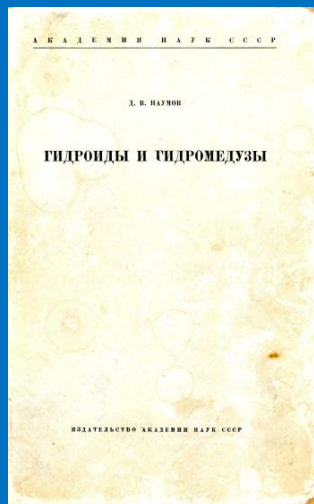
**Сотрудники
лаборатории
морских
исследований
в 2016 г.**



Porifera

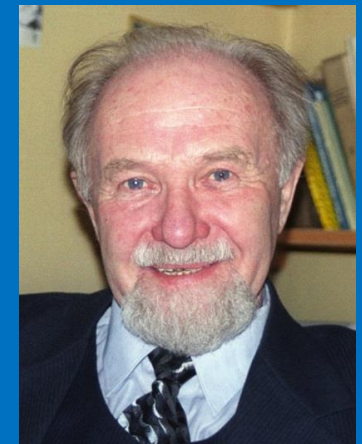
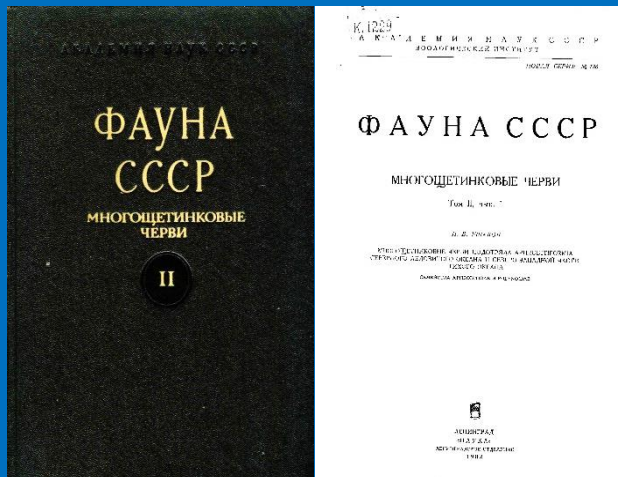
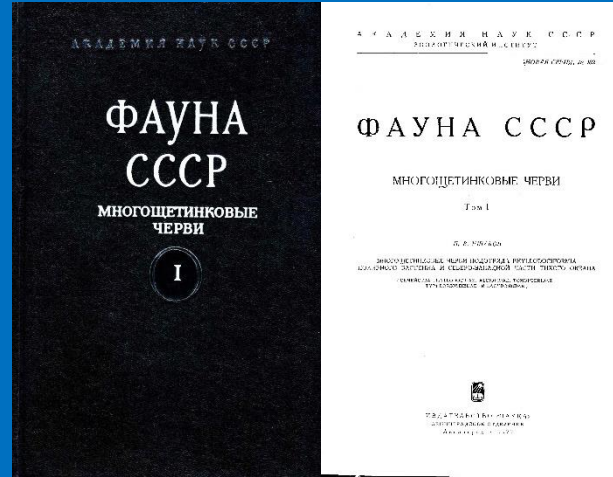
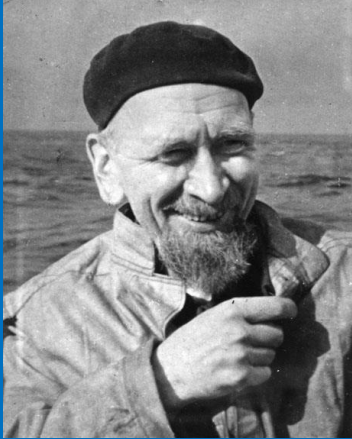


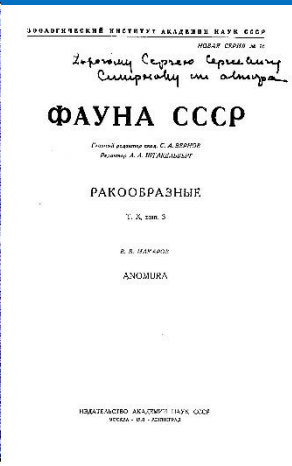
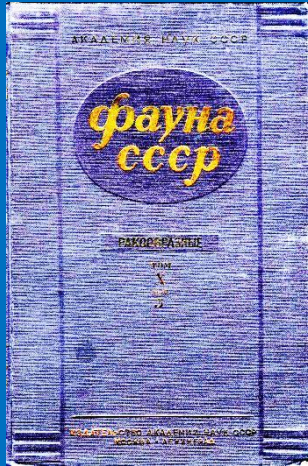
Cnidaria



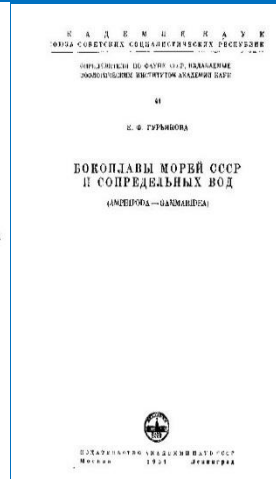
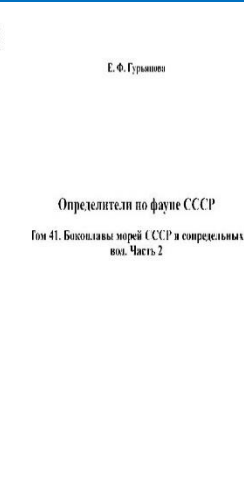
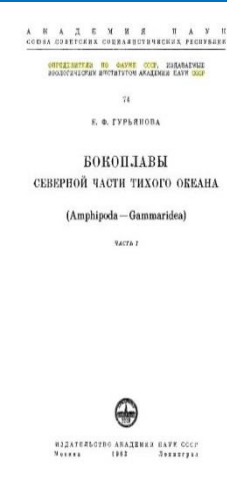
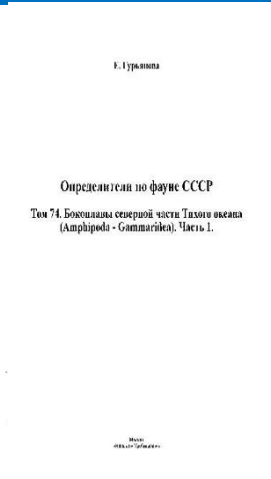
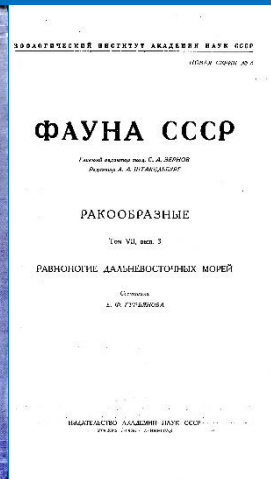
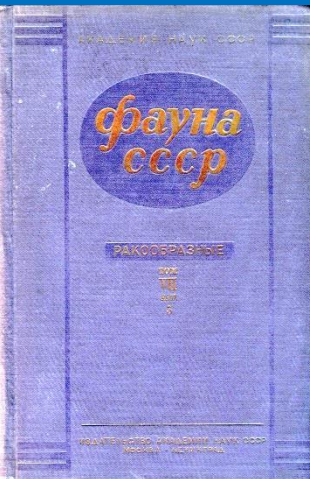
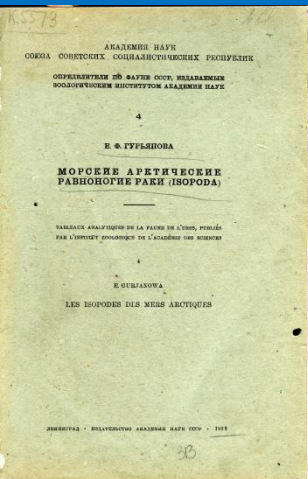
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Polychaeta

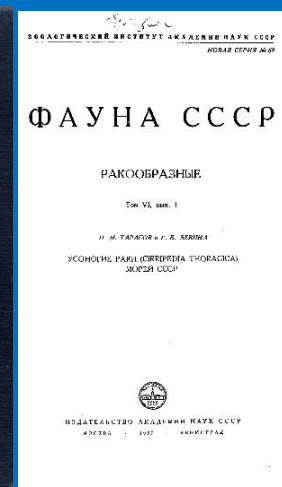
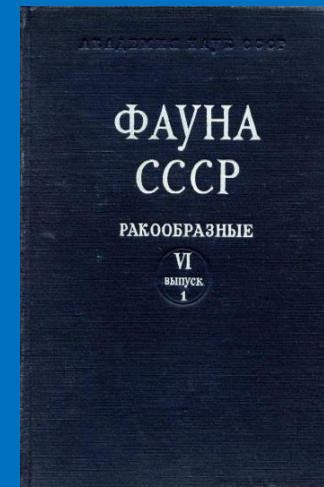
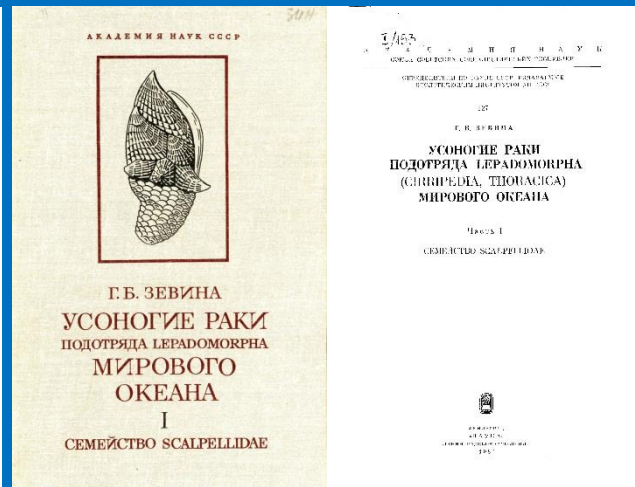
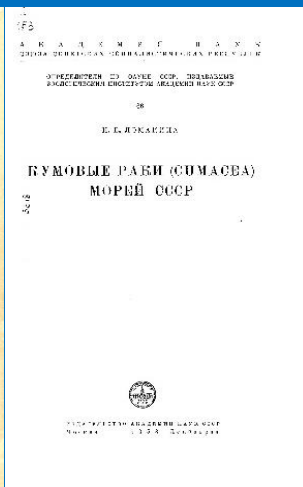
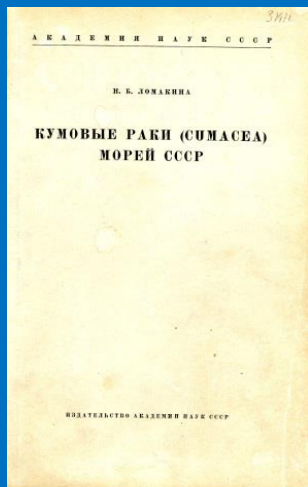
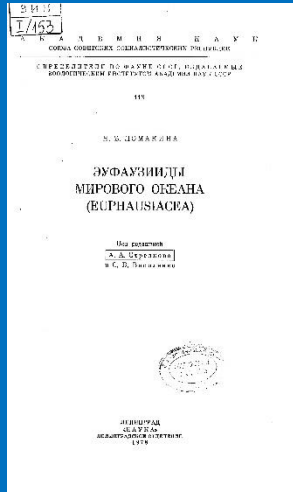
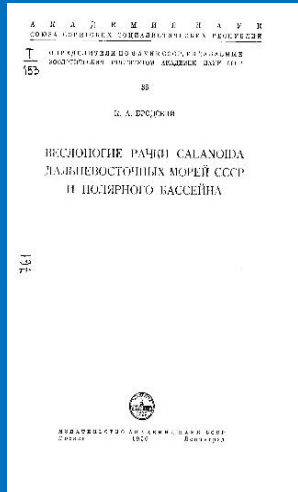




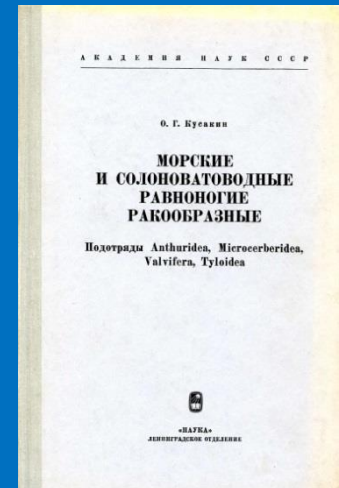
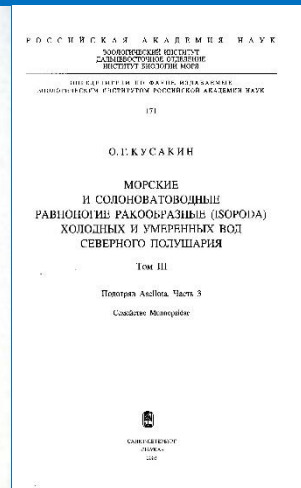
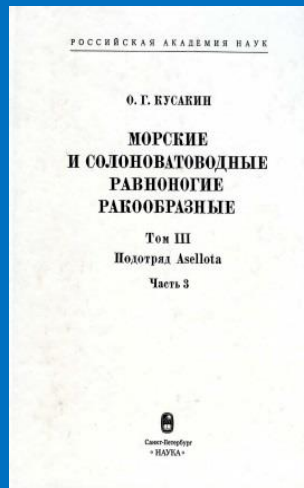
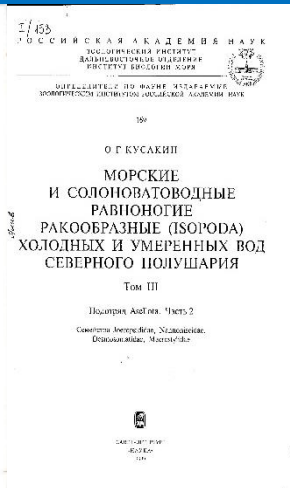
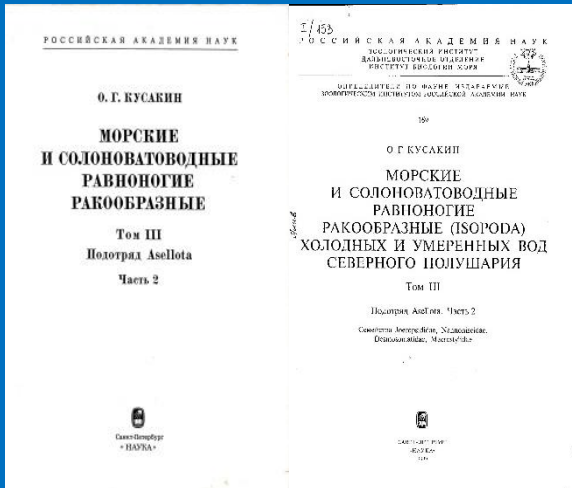
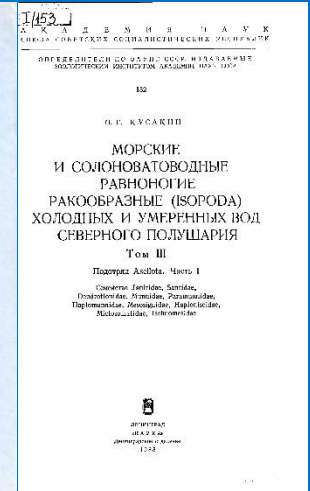
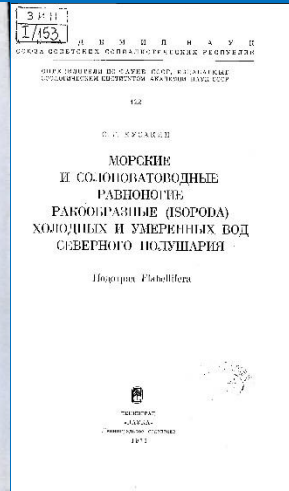
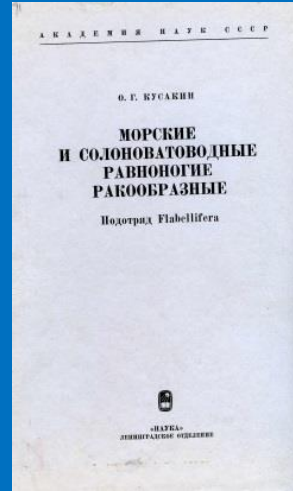
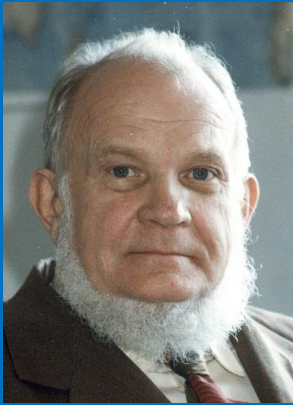
Crustacea



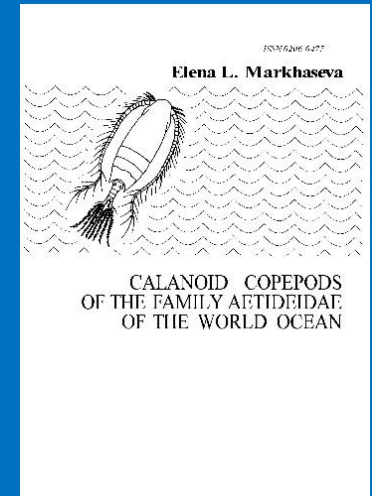
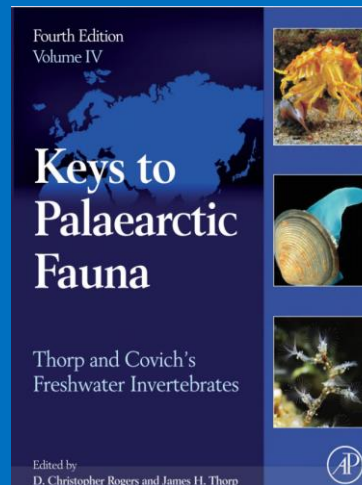
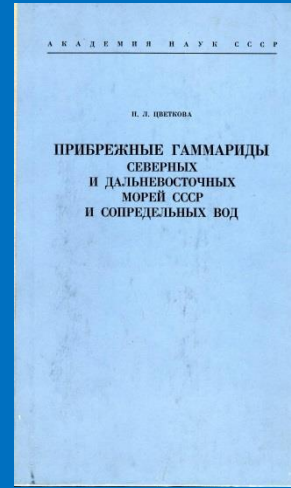
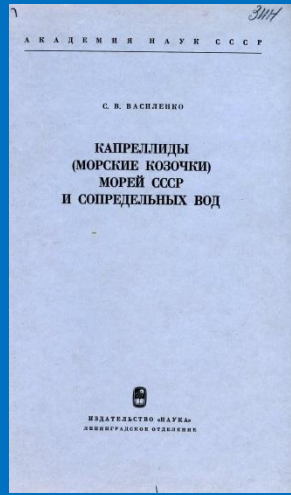
Crustacea



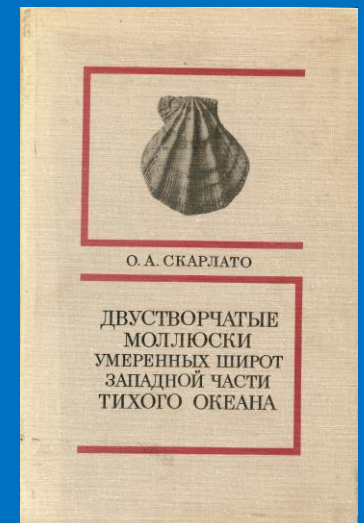
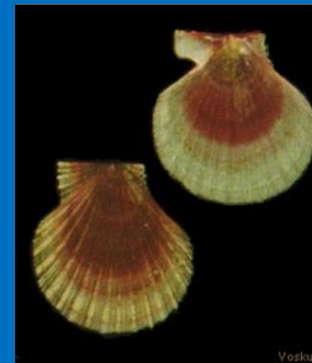
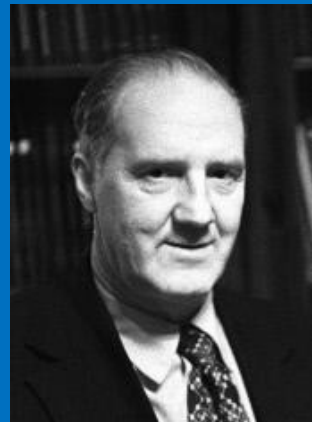
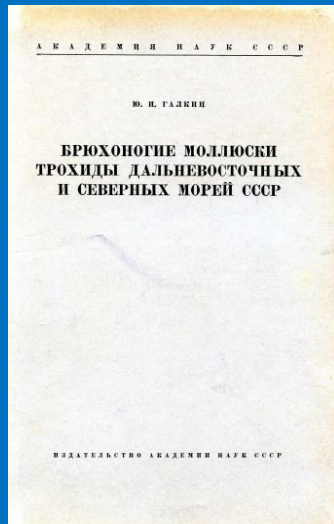
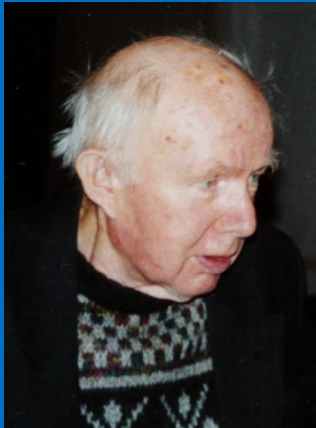
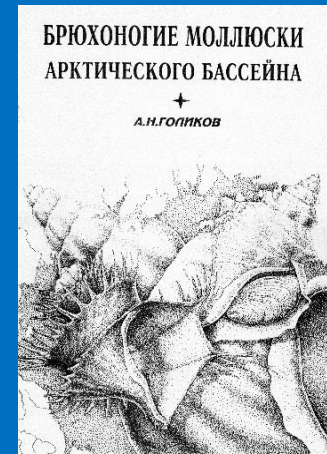
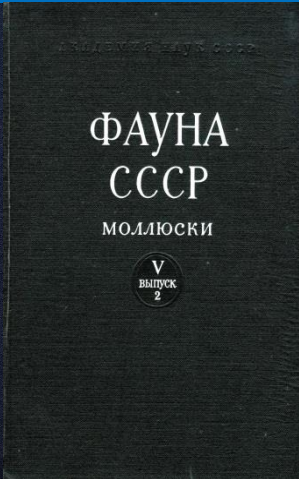
Crustacea



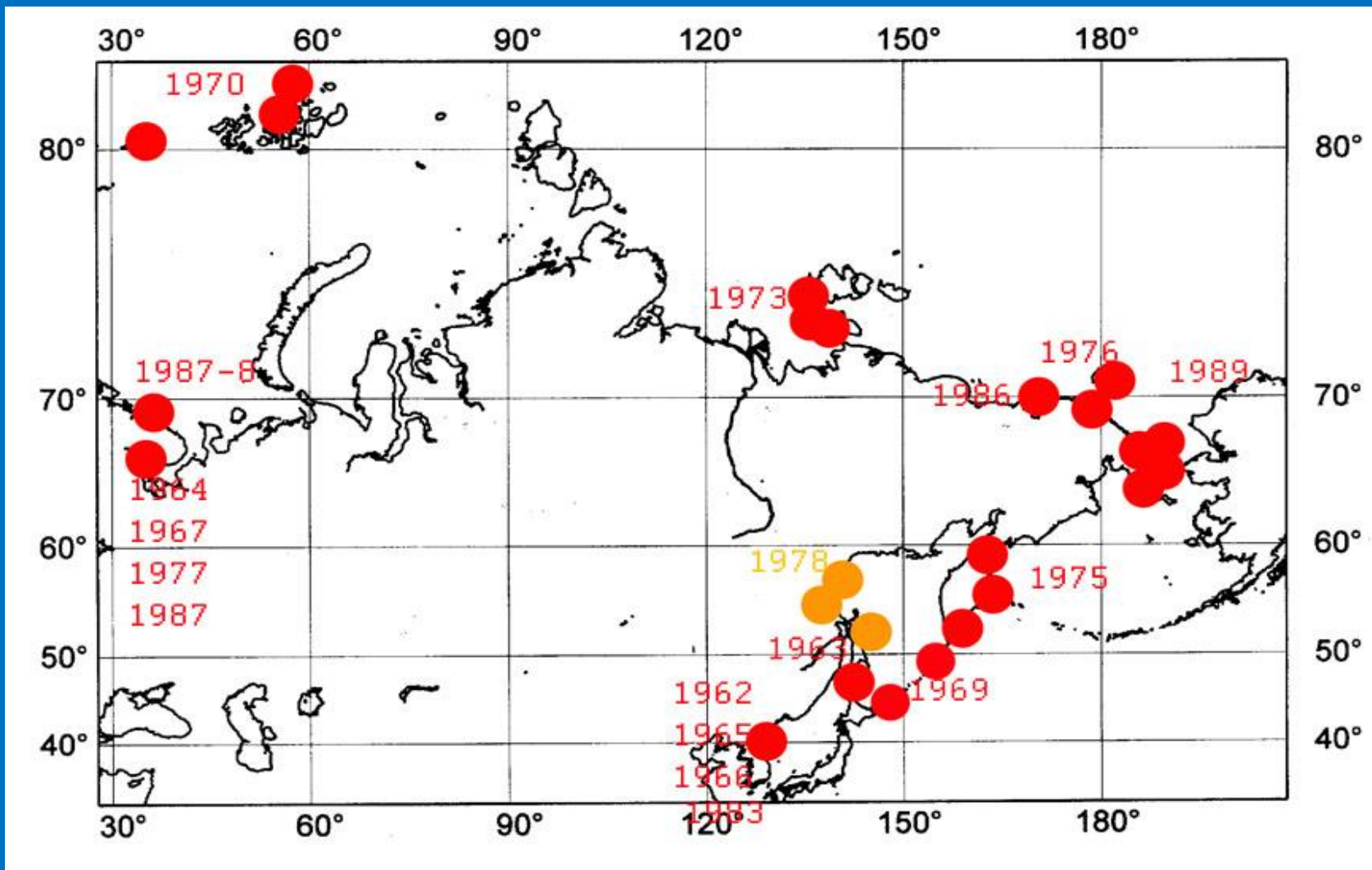
Crustacea



Mollusca

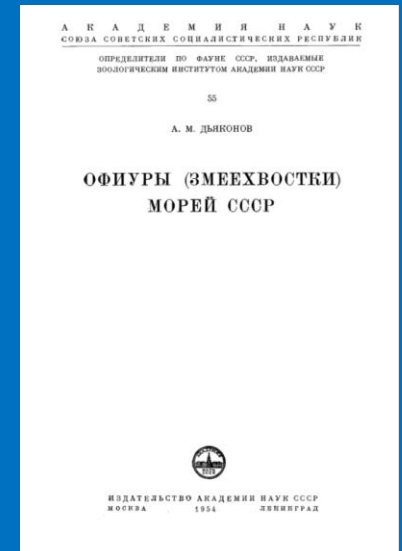
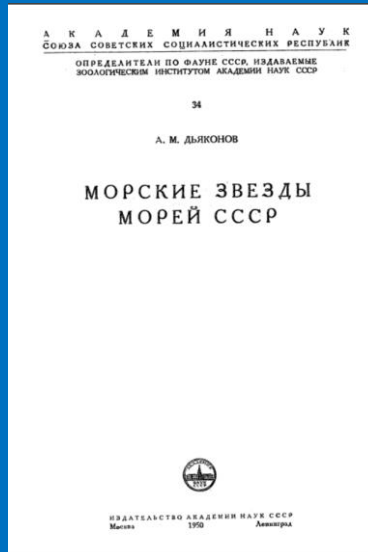
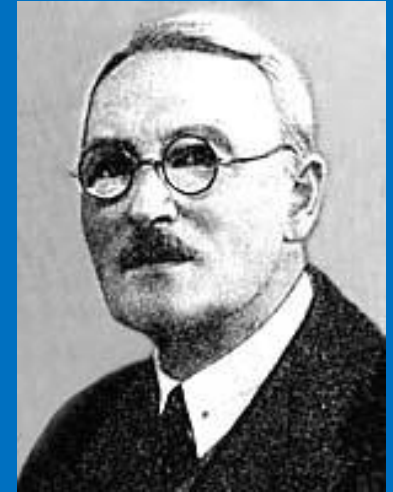


Водолазные экспедиции, организованные А. Н. Голиковым

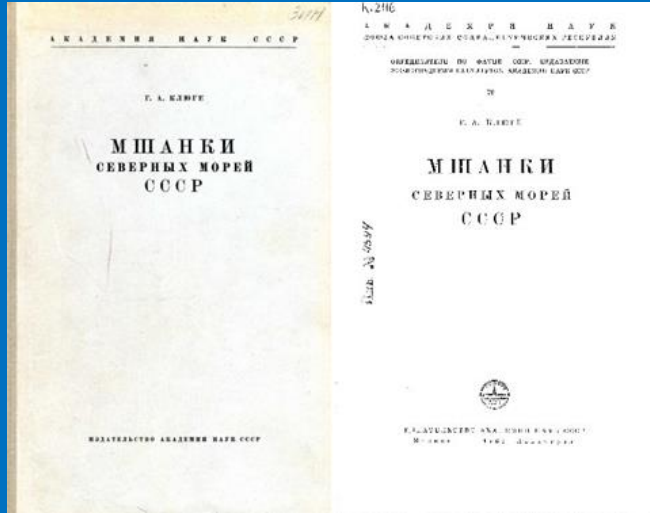
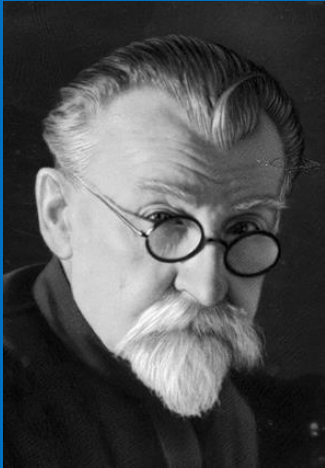




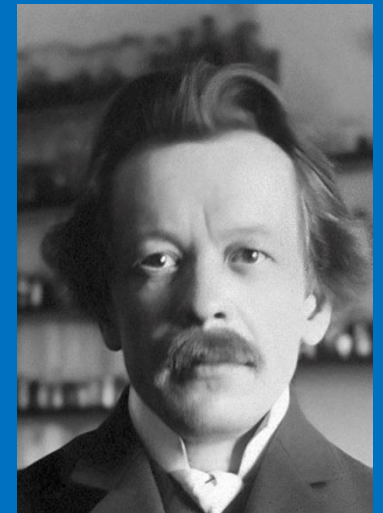
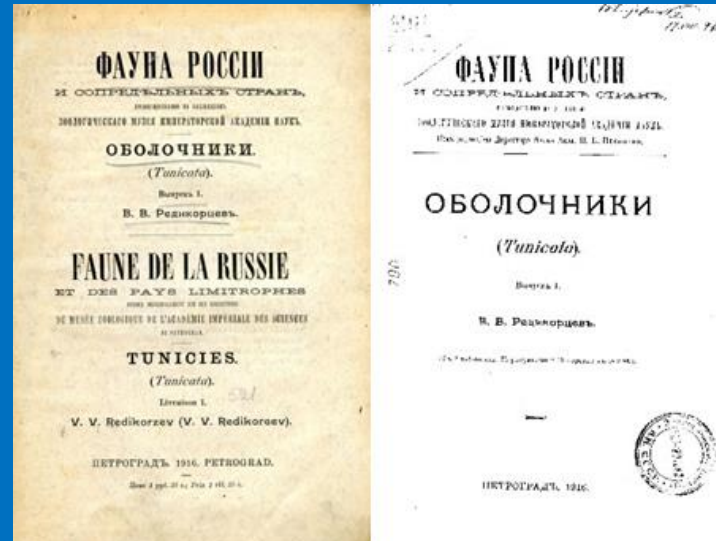
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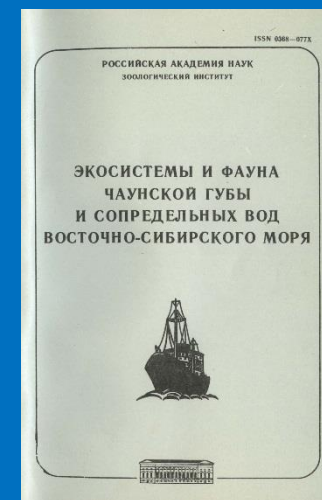
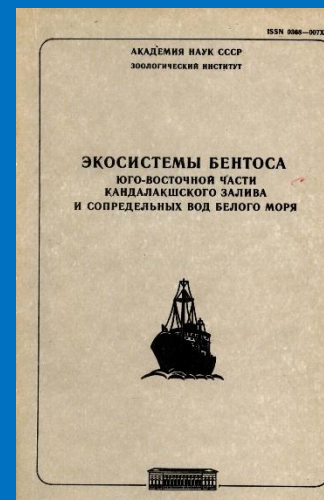
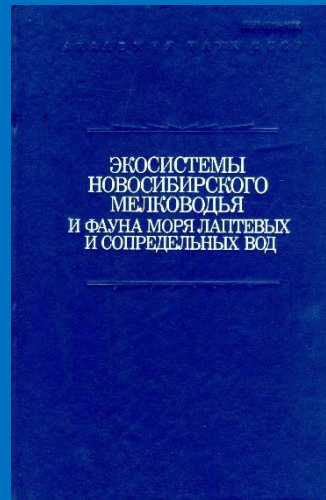
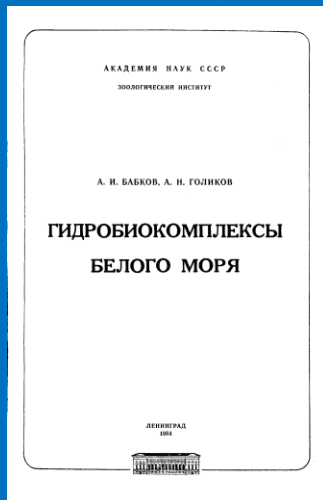
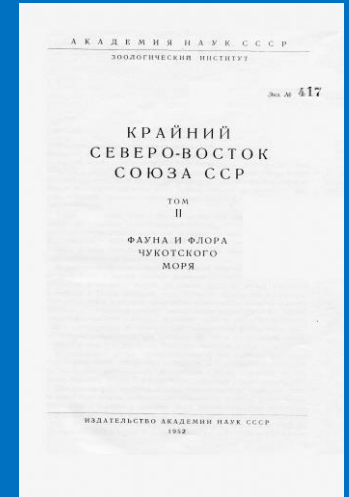
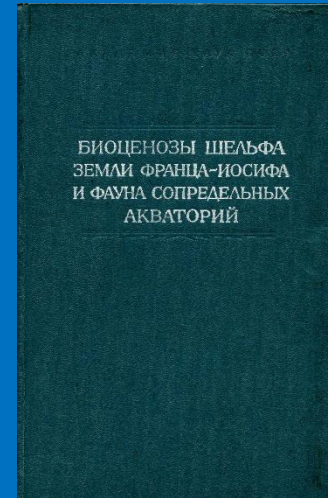
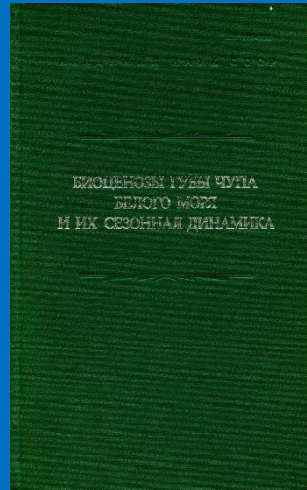
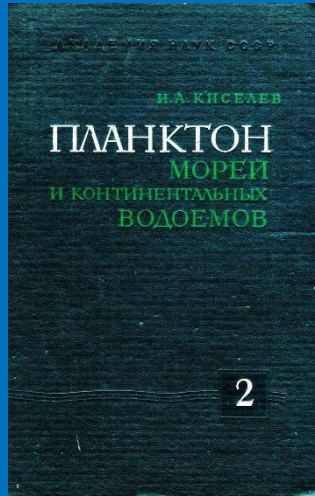
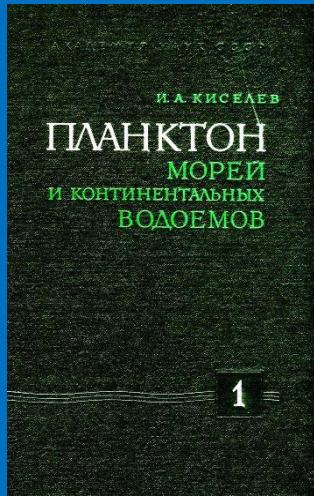
Bryozoa



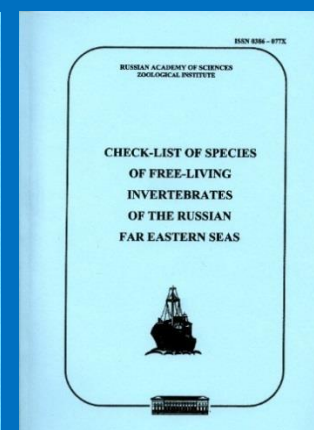
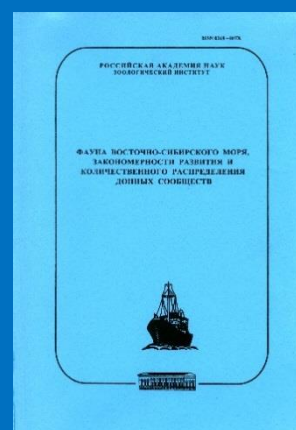
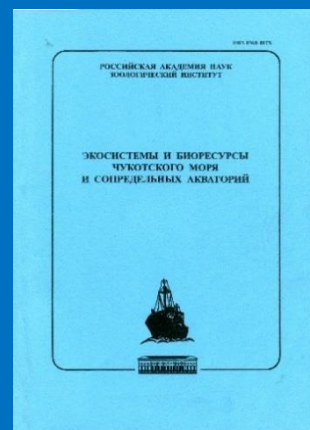
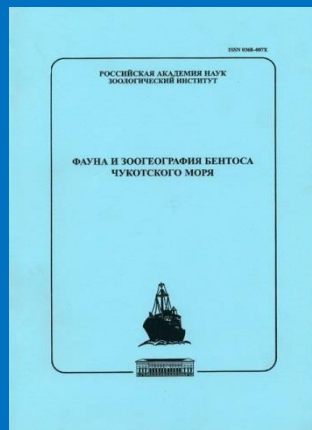
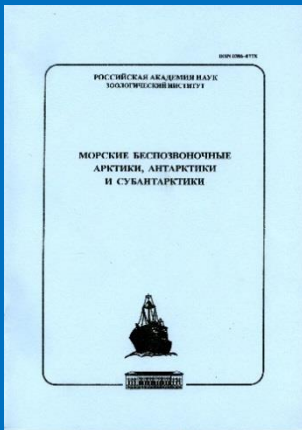
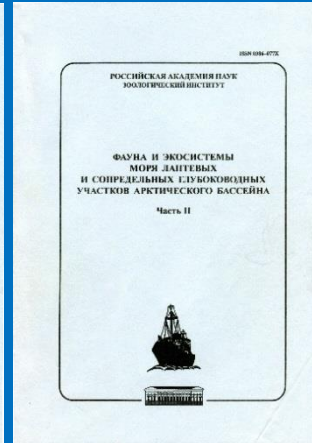
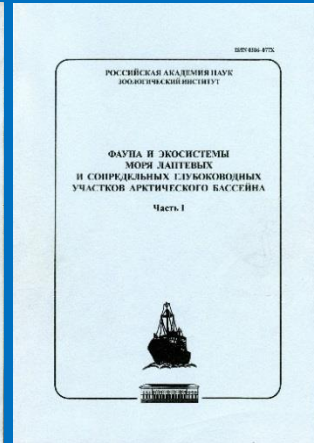
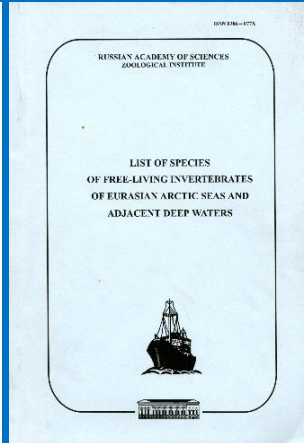
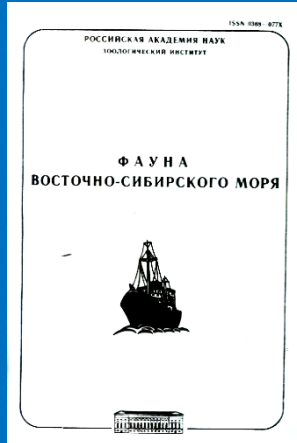
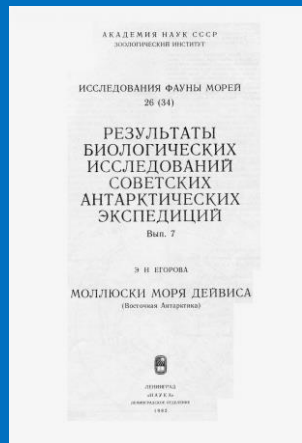
Tunicata



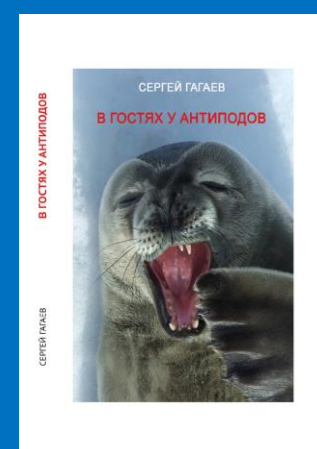
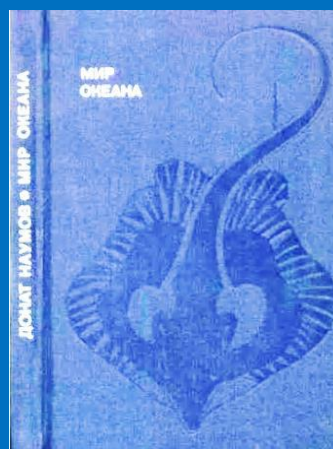
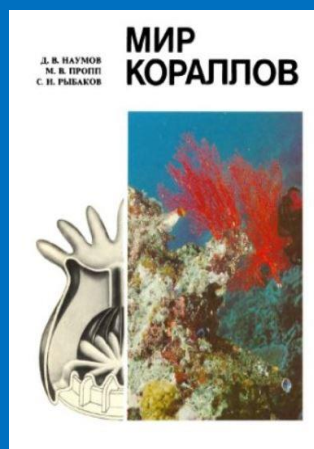
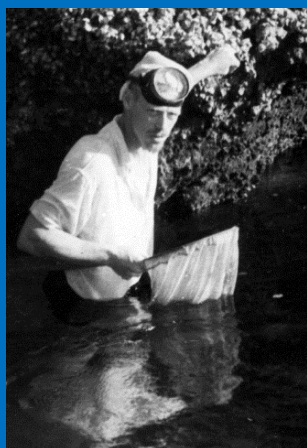
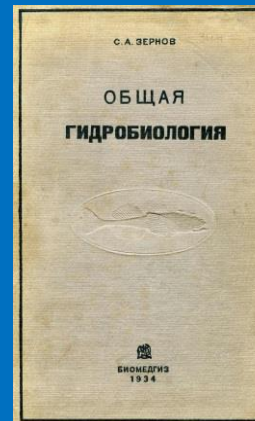
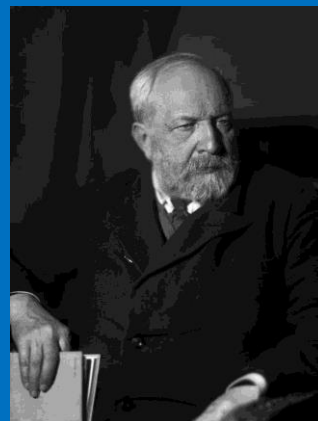
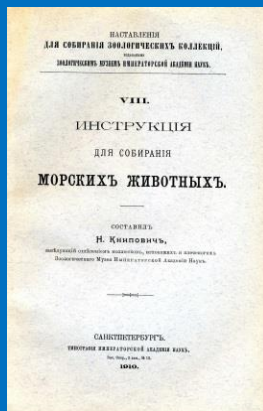
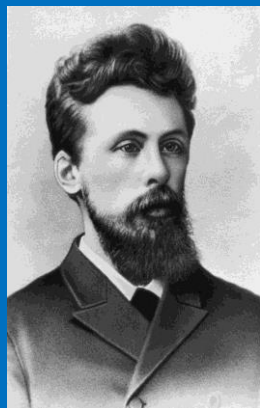
Фаунистические, зоогеографические и экологические дисциплины



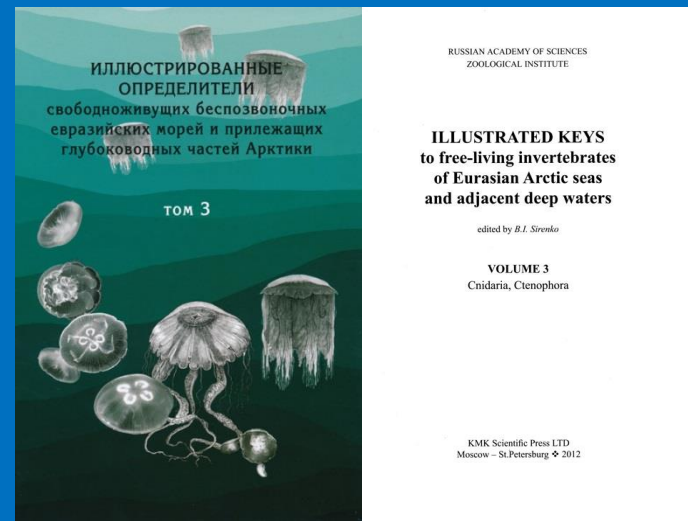
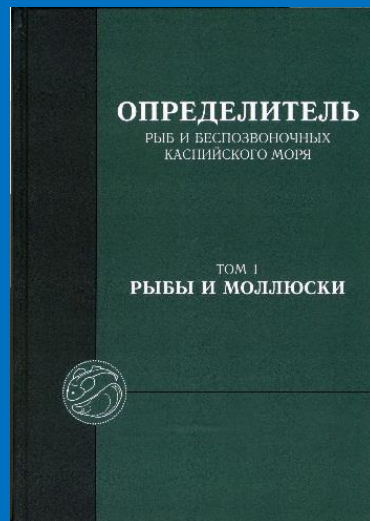
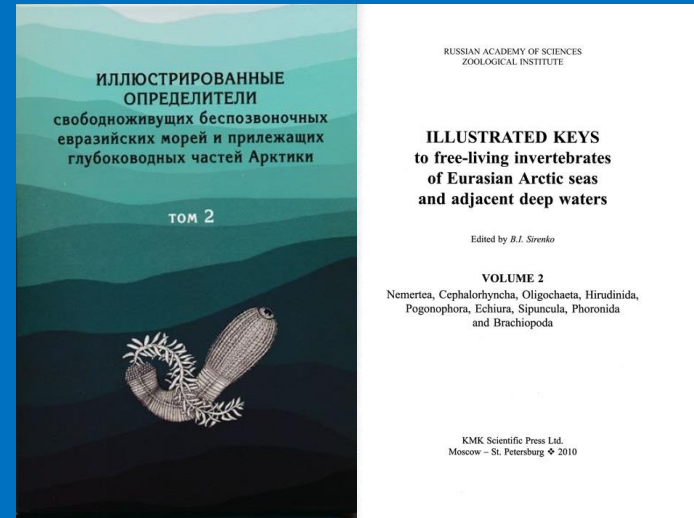
Фаунистические, зоогеографические и экологические дисциплины



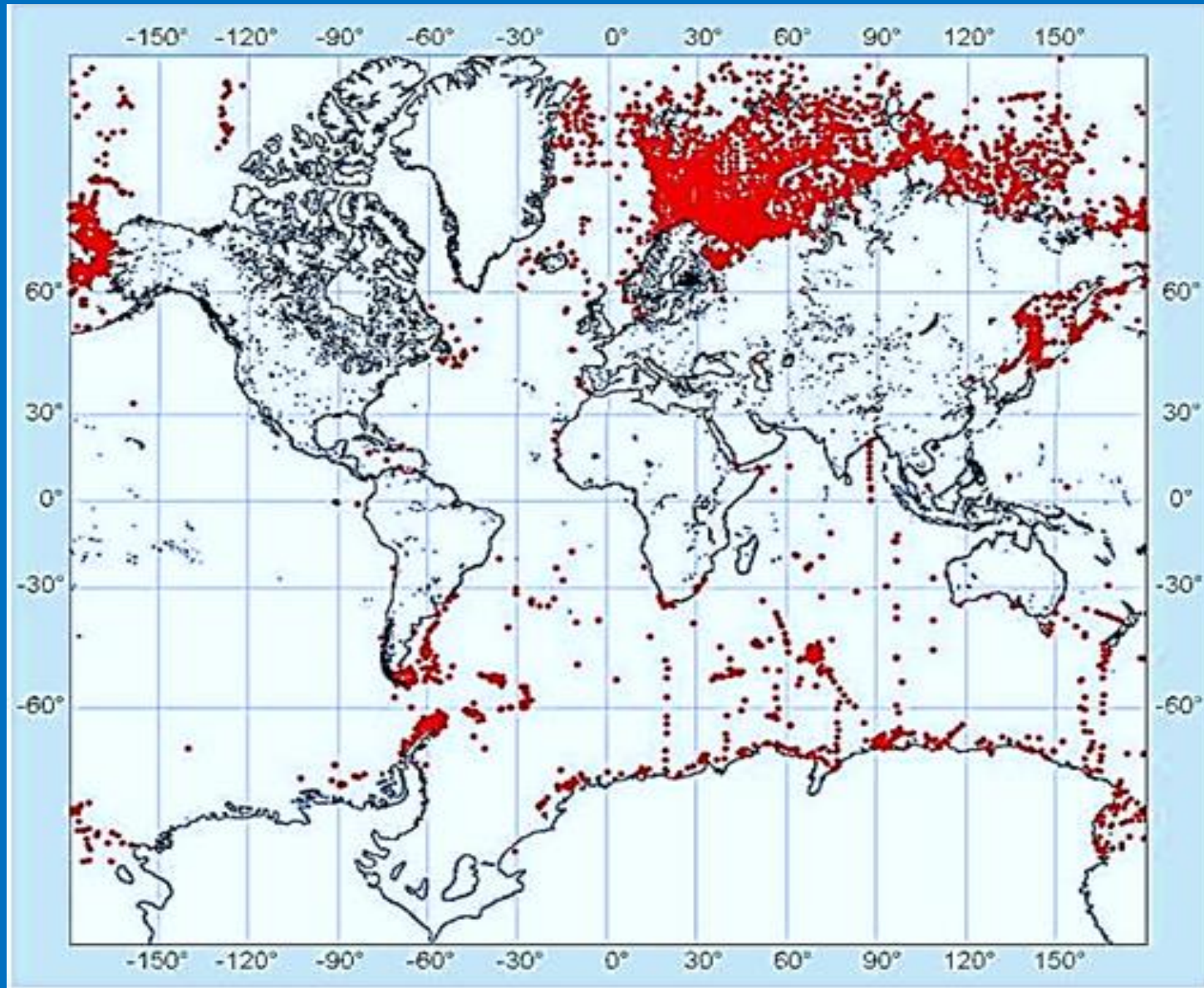
Учебники, специальная и популярная литература



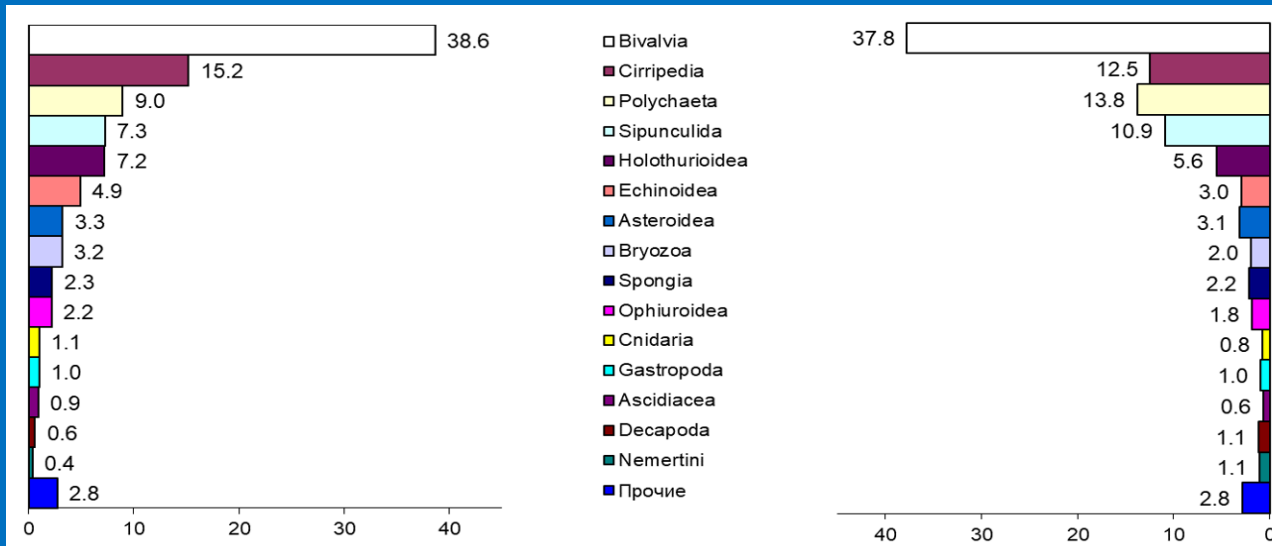
Иллюстрированные определительные ключи морских беспозвоночных



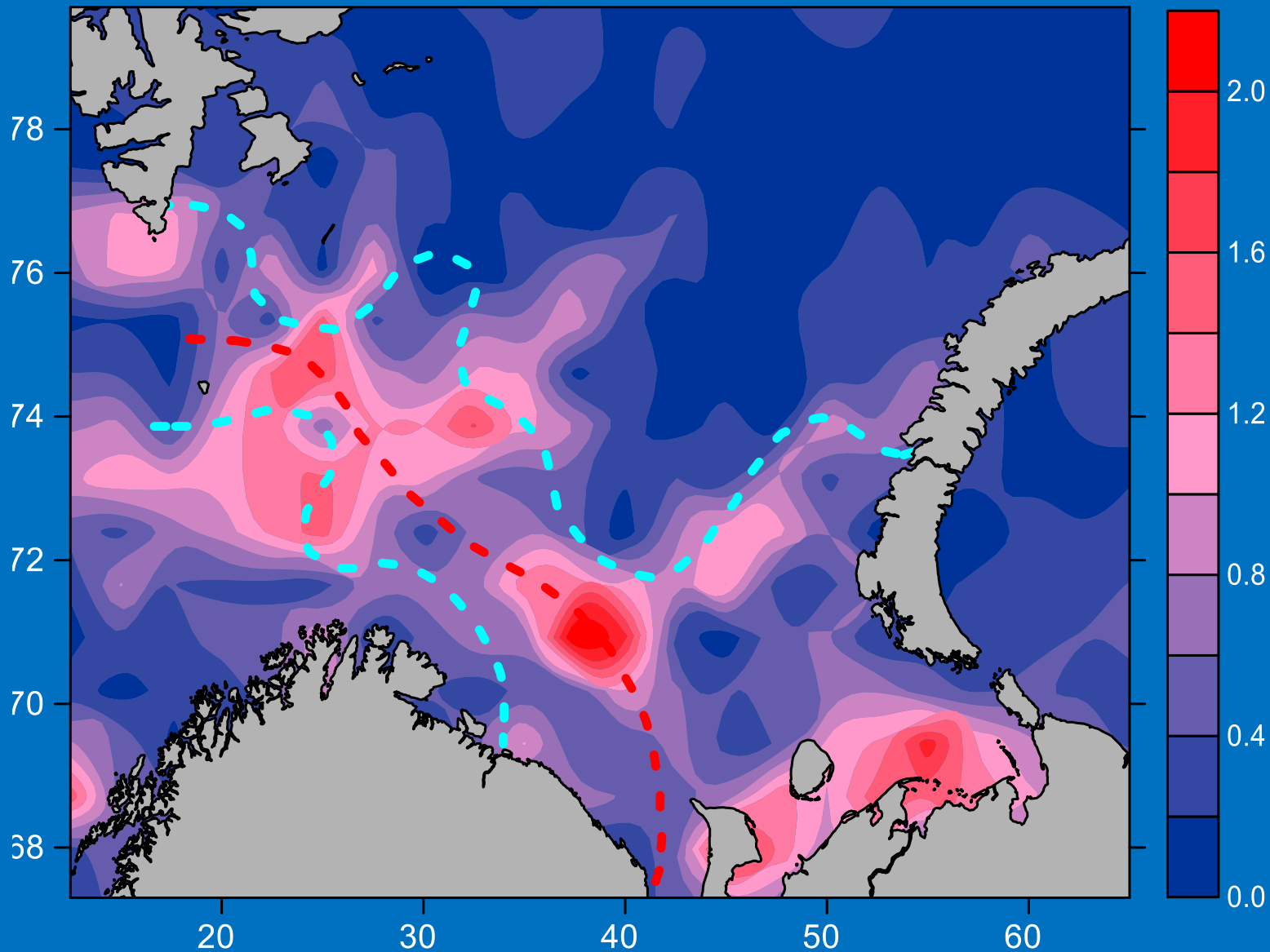
Информация о бентосных станциях, занесенная в базу данных «Океан»



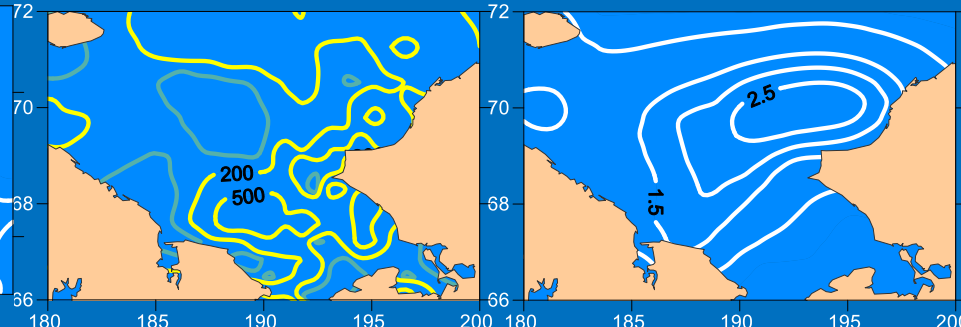
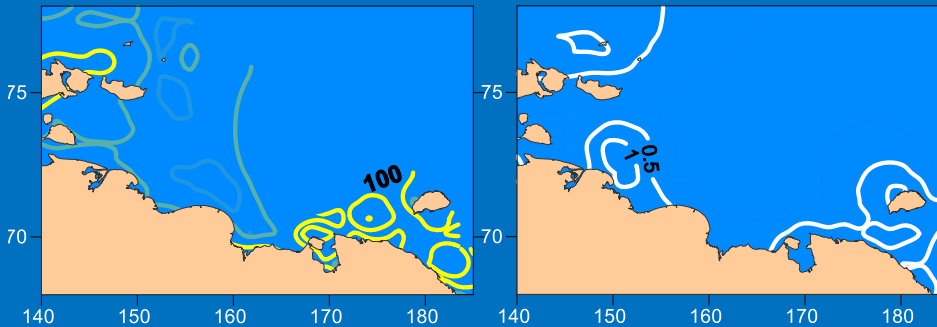
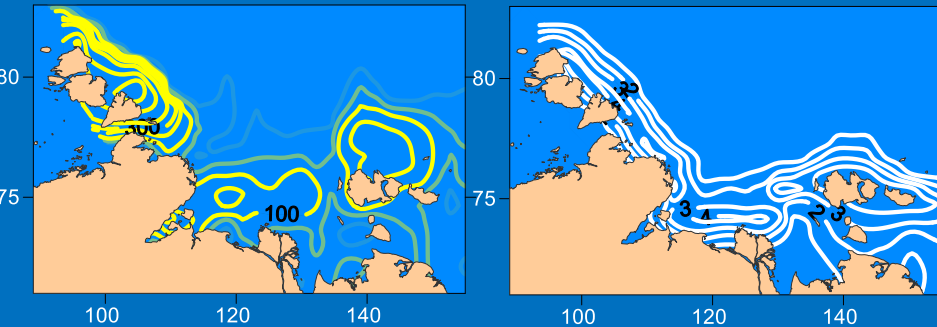
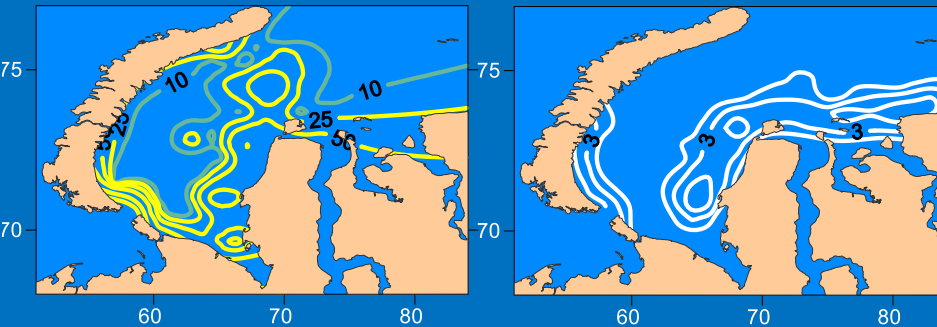
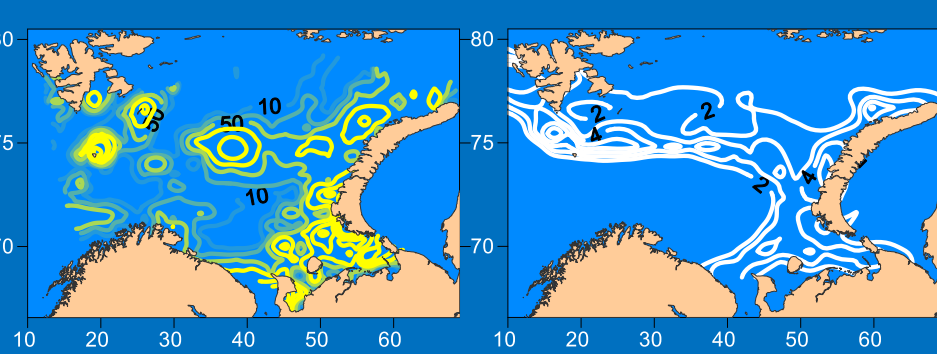
Доминирование таксономических и трофических групп в Баренцевом море (доля в средней биомассе, слева, и в суммарных биоресурсах, справа)



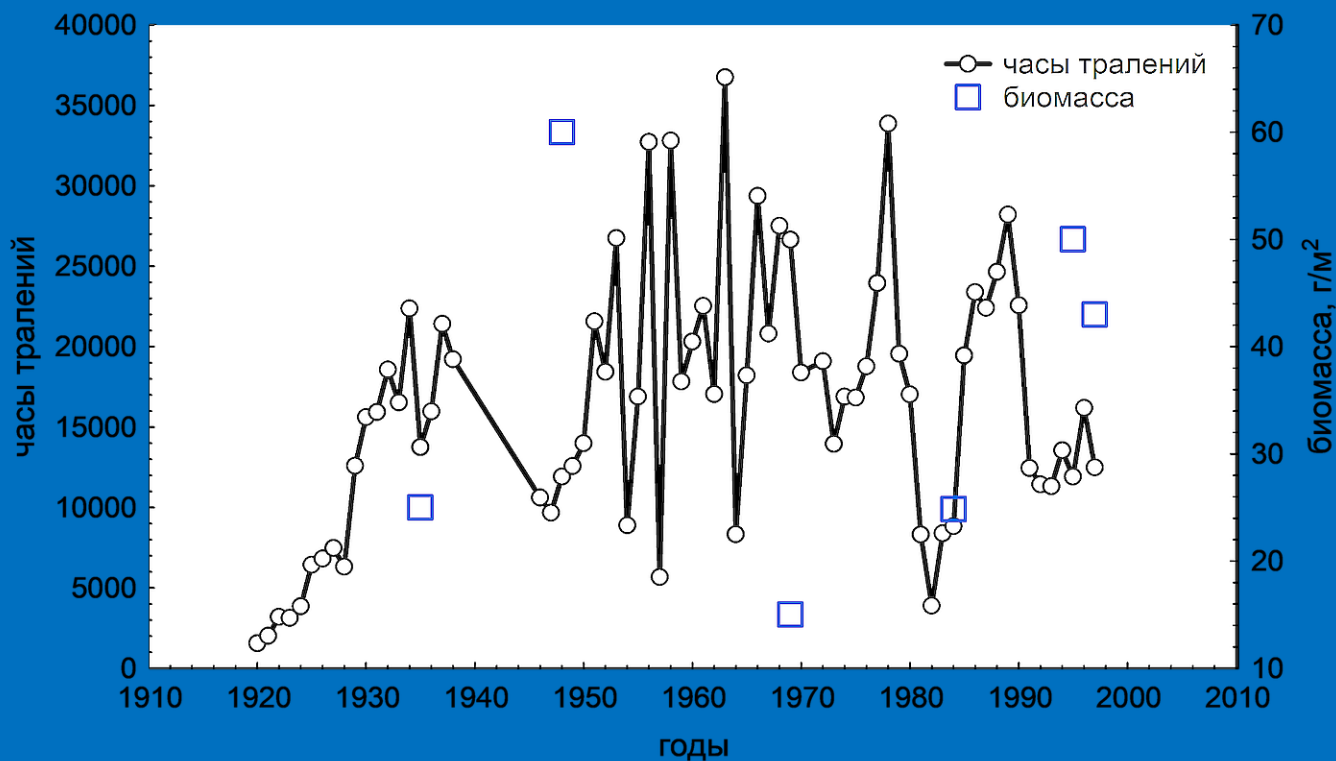
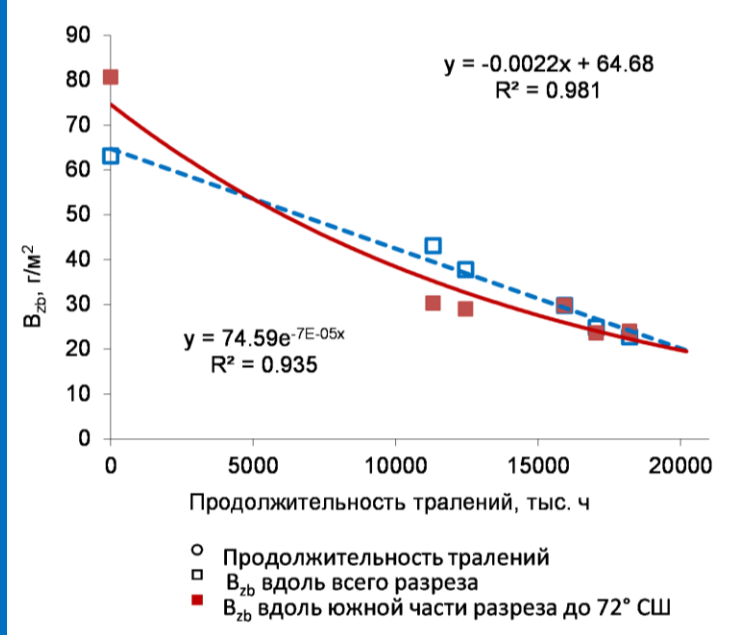
Градиенты среднемноголетней придонной температуры воды ($2^{\circ}\text{C}/0.7^{\circ}\varphi$), граница 50% соотношения бореальных и арктических форм (красная линия) и переходные зоны (бирюзовая линия)



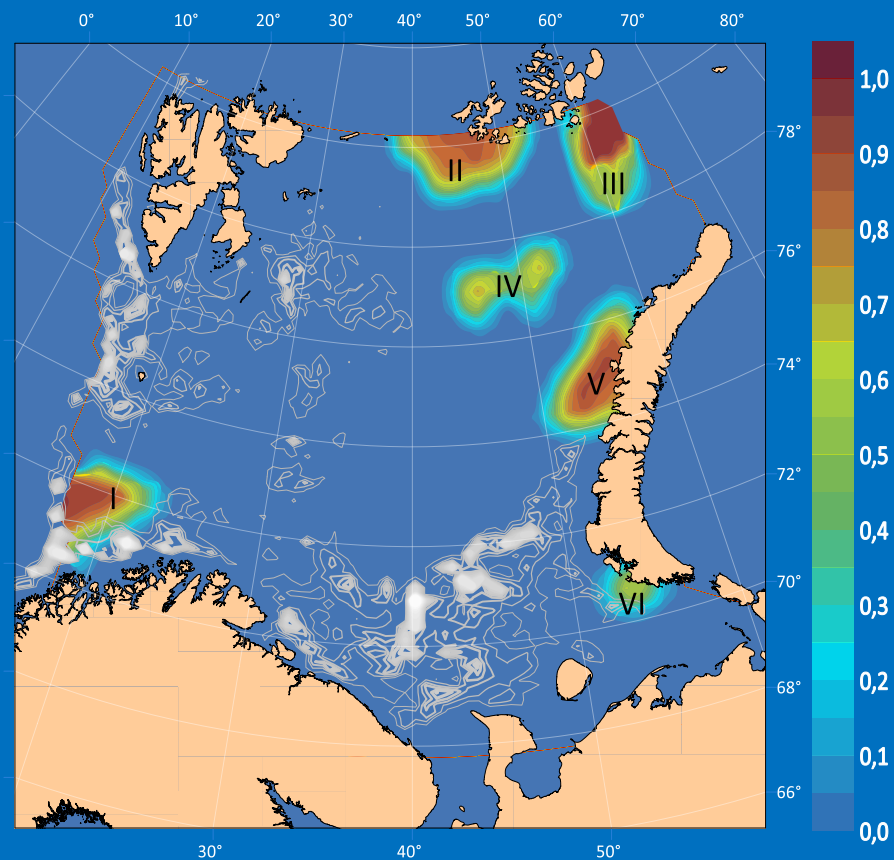
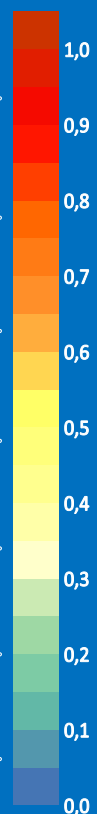
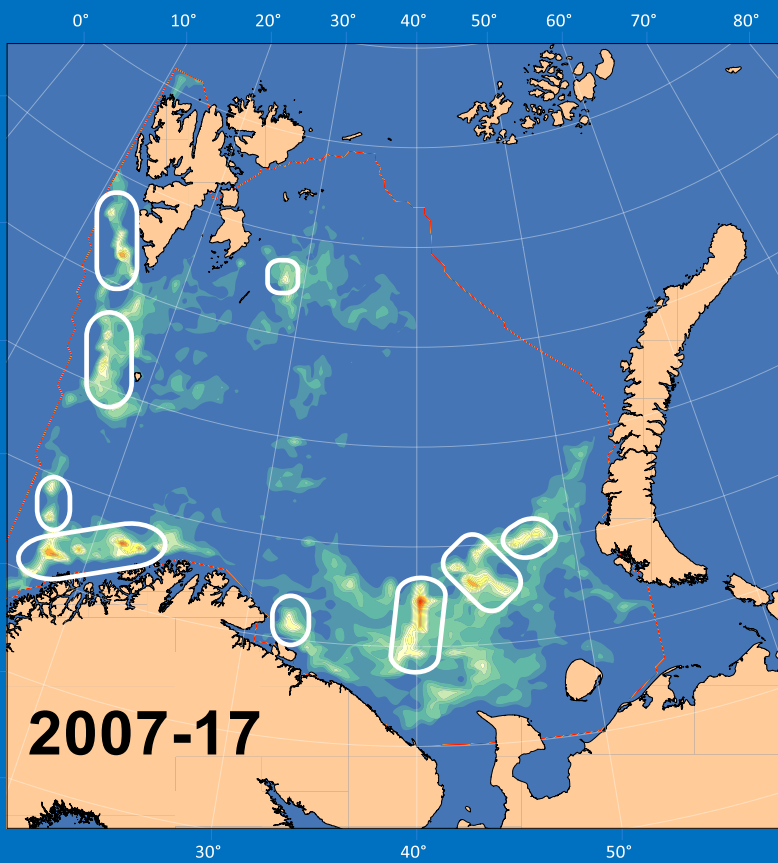
**Среднегодовое
расположение
зообентоса
и ледовой кромки 20%
сплоченности**



Среднегодовая траловая активность (3-летние скользящие средние) и биомасса зообентоса вдоль разреза «Кольский меридиан» в период с 1920 по 1997 гг. (слева) и соответствующая зависимость биомассы (4-летнее запаздывание) от траловой активности (справа)



Среднемноголетние зоны наиболее интенсивных донных тралений (слева) и местоположение районов, не рекомендуемых для промысла (справа)





**БЛАГОДАРИЮ
ЗА ВНИМАНИЕ**