

Intertidal Bryozoa (Cheilostomata) Of The Kodiak Vicinity, Alaska

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Intertidal Bryozoa (Cheilostomata) of Ketchikan, Alaska

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Abstract

Assemblages of intertidal bryozoans are proving to be more species-rich than generally previously appreciated. This study found 31 species of cheilostome bryozoans at three rocky-intertidal sites at Ketchikan, Alaska, USA. Species richness varied considerably among the three collecting sites: 28 at East Tongass Narrows, 18 at Higgins Point, 10 at Settlers Cove. Each site had species not occurring at the other sites (12, two, and one species, respectively). The number of species per site was within the range of values previously observed in a more extensive study at Kodiak, Alaska, suggesting both similar intertidal species richness at the two localities, and that sampling of other intertidal sites at Ketchikan would detect additional species. Descriptions and scanning electron microscopy (SEM) illustrations are provided for the species found at Ketchikan, and SEM illustrations are included for the holotypes of *Porella acutirostris* Smit, 1867 and *Schizoporella japonica* Ortmann, 1890; a paralectotype of *Porella columbiana* O'Donoghue and O'Donoghue, 1923; and a specimen of *Cauloramphus pseudospinifer* Androsova, 1958. *Fenestrulina delicata* Winston, Hayward, and Craig, 2000 is illustrated and described from subtidal specimens from Sitka, Alaska. Eight species (26% of total species) are described as new (*Cauloramphus multivacuolaria* n. sp., *Cauloramphus tortilis* n. sp., *Puellina caesia* n. sp., *Cedroporella nodosakae* n. sp., *Porella donoghueorum* n. sp., *Microporella ketchikanensis* n. sp., *Fenestruloides tongassorum* n. sp., and *Rhynchozoon glabrum* n. sp.). *Membranipora serrilamella* Osburn, 1950 and nominal *Membranipora membranacea* (L., 1767) from the north-east Pacific Ocean are considered to be junior synonyms of *Membranipora villosa* Hincks, 1880. *Schizoporella unicornis* var. *japonica* Ortmann, 1890 is elevated to species status as *Schizoporella japonica* Ortmann, 1890; many of the previous records of *Schizoporella unicornis* (Johnston, 1844) from the northern Pacific Ocean are likely attributable to *S. japonica*. Examination of type specimens of *Porella columbiana* O'Donoghue and O'Donoghue, 1923 show that Osburn's (1952) concept of this species was in error; the taxon treated by Osburn and subsequent authors as *P. columbiana* is described herein as *Porella donoghueorum* n. sp. Although *Porella acutirostris* Smit, 1867 has been previously considered a circumpolar, arctic-boreal species, it is questionable whether this species occurs in the boreal North Pacific. Nominal *P. acutirostris* probably comprises a complex of morphologically similar, closely related species in the northern hemisphere that includes *Porella major* Hincks, 1884 and *Porella columbiana* O'Donoghue and O'Donoghue, 1923. Of the 31 cheilostomes detected intertidally at Ketchikan, only *Schizoporella japonica* and *Fenestrulina delicata* are considered as actually or potentially introduced species. The introduction of *S. japonica* (previously reported as *S. unicornis*) to the north-eastern Pacific on Pacific oysters from Japan has been well documented in the literature. *Fenestrulina*

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, English, Book, Illustrated edition: Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska / by Matthew H. Dick and June R.P. Ross. Dick, Matthew.google-logo. Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska. Translate with .google-logo. translator. This translation tool is powered by Google .Page 1. Page 2. Page 3. Page 4. Page 5. Page 6. Page 7. Page 8. Page 9. Page Page Page Page Page Page Page Page Intertidal Bryozoa (Cheilostomata) of the Kodiak Vicinity, Alaska Center for Pacific Northwest Studies, Western Washington University, - Bryozoa - .The number of species per site was within the range of values previously observed in a more extensive study at Kodiak, Alaska, suggesting both similar intertidal.PDF Assemblages of intertidal bryozoans are proving to be more study at Kodiak, Alaska, suggesting both similar intertidal species richness at the two Point, SC for the Settlers Cove site, and KV for Ketchikan vicinity, site unspecified.Matthew H. Dick is the author of Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska (avg rating, 0 ratings, 0 reviews, published).This pdf ebook is one of digital edition of Intertidal Bryozoa Cheilostomata Of The Kodiak Vicinity Alaska that can be search along internet in google, bing, yahoo.Abstract. Alpha-level taxonomy in the bryozoan order Cheilostomata relies almost exc spinifer ANDROSOVA at Kodiak, Alaska (Dick & Ross) has .. dersides of cobbles low in the intertidal zone, and the Ketchikan vicinity .The genus Microporella (Bryozoa, Cheilostomata,. Ascophora) contains species occurring species from the Kodiak Island vicinity, Alaska, three of which were.Dick MH, Ross JRP () Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska. Cent Pac Northwest Stud Occ Pap 1 Google Scholar.Abstract. Alpha-level taxonomy in the bryozoan order Cheilostomata relies almost exclu- spinifer ANDROSOVA at Kodiak, Alaska (Dick & Ross) has .. dersides of cobbles low in the intertidal zone, and the Ketchikan vicinity.Alpha-level taxonomy in the bryozoan order Cheilostomata relies almost as Cauloramphus pseudospinifer Androsova at Kodiak, Alaska (Dick two rocky-intertidal sites, 30 km apart, in the vicinity of Ketchikan, Alaska.Eight species are added to the intertidal bryozoan fauna of South Korea, Ross, J.P. () Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska.Dick, M. H.; Ross, J. R. P. (). Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska. Occasional Paper, Center for Pacific.Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska. Occasional Paper, Center for Pacific Northwest Studies. (Western Washington.Bryozoa, taxonomy, new species, Cheilopora, cormidial peristome, Aleutian J.R.P. () Intertidal Bryozoa (Cheilostomata) of the Kodiak vicinity, Alaska.

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