



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of Fish and Game

OFFICE OF THE COMMISSIONER

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November 4, 2014

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Mr. Dan Hull, Chair
North Pacific Fishery Management Council
605 West 4th Avenue, Suite 306
Anchorage, Alaska 99501

Dear Chairman Hull:

I would like to nominate Laura Stichert for appointment to the Bering Sea and Aleutian Islands (BSAI) Crab Plan Team to replace Wayne Donaldson. Ms. Stichert is the Eastern Bering Sea Snow and Tanner Crab Research Biologist within the Commercial Fisheries Division, Westward Region, in Kodiak. In that position, her current duties are to plan, coordinate, and conduct research on commercially-fished stocks of *Chionoecetes* crabs in the Bering Sea, to report on and interpret the results of that research, and to develop research priorities to address fishery management needs. Research emphasis is on estimation of stock productivity parameters. Current research focuses on a long-term study of female snow and Tanner crab reproductive potential. Laura also manages the Alaska Department of Fish and Game Seawater Laboratory in Kodiak.

As a research biologist with expertise in two important crab stocks, I believe Ms. Stichert will provide valuable contributions to the BSAI Crab Plan Team. Please see the enclosed curriculum vitae.

Thank you for considering her appointment at the upcoming December Council meeting.

Sincerely,

A handwritten signature in blue ink that reads "Cora Campbell".

Cora Campbell
Commissioner

Enclosure

LAURA M STICHERT (SLATER)

ADF&G ♦ 351 Research Ct. ♦ Kodiak, AK 99615 ♦ laura.stichert@alaska.gov ♦ (907) 486-1831

EDUCATION

| | | |
|-------------|--------------------------------|---------------------|
| 2001 – 2004 | University of Alaska Fairbanks | M.S. marine biology |
| 1996 – 2000 | Hawaii Pacific University | B.S. marine biology |

WORK EXPERIENCE

- 2014–present *Fishery Biologist III* – Alaska Department of Fish & Game (ADF&G), Commercial Fisheries Division, Kodiak, AK
- Oversee research on eastern Bering Sea *Chionoecetes* crabs, including a long term study on female reproductive potential, and develop research priorities to address management needs
 - Analyze and publish research results
 - Directly supervise a full time Fishery Biologist II and indirectly supervise a seasonal Fish and Wildlife Technician III and additional support staff as needed
 - Manage the ADF&G Seawater Laboratory
- 2007–2013 *Fishery Biologist II* – ADF&G, Commercial Fisheries Division, Kodiak, AK
- Planned, conducted, managed, and presented research on snow and Tanner crabs in the eastern Bering Sea, including female reproductive potential and growth
 - Supervised a seasonal Fishery Biologist I and technical-level support staff as needed
 - Participated on 7 stock assessment surveys in the eastern Bering Sea
- 2005–2006 *Project Manager* – Arctic Research Consortium of the U.S. (ARCUS), Fairbanks, AK
- Coordinated programmatic science planning meetings for arctic research and summarized and distributed associated information

PUBLICATIONS

- Webb, JB, LM Stichert, GL Eckert and GH Kruse. in prep. Developing biological reference points for crustacean fisheries: the contribution of fecundity and embryo quality to reproductive potential of eastern Bering Sea snow crab. For submission to Canadian Journal of Fisheries and Aquatic Sciences.
- Pengilly, D, LM Stichert, JB Webb, GH Kruse, D Woodby and SL Tamone. 2014. A workshop to identify approaches for achieving priority research for eastern Bering Sea snow crab biology and fishery management. Alaska Department of Fish and Game, Special Publication No. 14-07, Anchorage.
- Somerton, D, S Goodman, R Foy, L Rugolo and L Slater. 2013. Growth per molt of snow crab in the eastern Bering Sea. North American Journal of Fisheries Management 33(1): 140–147.
- Zheng, J, LM Slater, J Webb, G Bishop. 2011. The current status of biological knowledge relating to the management of fisheries for Tanner (*Chionoecetes bairdi* (Rathbun, 1924)) and snow crab (*Chionoecetes opilio* Fabricius, 1788) in Alaskan waters. Pp. 127-138 In: Asakura, A, et al. (eds.), New Frontiers in Crustacean Biology: Proceedings of the TCS Summer Meeting, Tokyo, 20-24 September 2009. *Crustaceana Monographs* 15.

Bishop, G, J Zheng, **LM Slater**, K Spalinger, R Gustafson. 2011. The current status of the fisheries for *Chionoecetes* spp. (Decapoda, Oregoniidae) in Alaskan waters. Pp.109-126 *In: Asakura, A, et al. (eds.), New Frontiers in Crustacean Biology: Proceedings of the TCS Summer Meeting, Tokyo, 20-24 September 2009. Crustaceana Monographs 15.*

Slater, LM, KA MacTavish, D Pengilly. 2010. Preliminary analysis of spermathecal load of primiparous snow crab (*Chionoecetes opilio*) from the eastern Bering Sea, 2005-2008. Pp. 237-247 *In: Kruse, GH, GL Eckert, RJ Foy, RN Lipcius, B Sainte-Marie, DL Stram, D Woodby (eds.), Biology and Management of Exploited Crab Populations under Climate Change. Alaska Sea Grant, University of Alaska Fairbanks.*

PRESENTATIONS MADE AT MEETINGS IN THE PAST FIVE YEARS

Kilada, R, **LM Stichert**, J Webb, Q Smith, and K McNeel. How old are Alaska crab and shrimp? Application of a novel technique to this age-old question. Kodiak Area Marine Science Symposium, Kodiak, AK, Apr., 2014. (poster)

Stichert, LM, JB Webb, and D Pengilly. Sperm reserves of female snow (*Chionoecetes opilio*) and Tanner (*C. bairdi*) crab in the eastern Bering Sea: status update and preliminary conclusions. Interagency Crab Meeting, Anchorage, AK, Dec., 2013. (talk)

Stichert, LM, JB Webb, and D Pengilly. Reproductive potential of snow crab (*Chionoecetes opilio*) in the eastern Bering Sea: patterns observed in female sperm reserves, 2007–2012. Alaska Marine Science Symposium, Anchorage, AK, Jan., 2013. (poster)

Stichert, LM and D Pengilly. Bering Sea snow crab growth – a lab perspective. Alaska Chapter of the American Fisheries Society, Kodiak, AK, Oct., 2012. (talk)

Stichert, LM and D Pengilly. Bering Sea snow crab growth – a lab perspective. NPFMC Crab Plan Team, Anchorage, AK, May, 2012. (talk)

Stichert, LM and D Pengilly. Snow crab growth and mating: observations in the lab. Alaska Marine Science Symposium, Anchorage, AK, Jan., 2012. (poster)

Slater, LM, D Urban, E Munk, K Spalinger, RJ Foy, and D Pengilly. Crab mass molting events, Kodiak Island Archipelago. Kodiak Area Marine Science Symposium, Kodiak, AK, Apr., 2011. (poster)

Slater, LM, JB Webb, M Inokuma, D. Pengilly. Research on Bering Sea snow crab: sperm reserves & growth. EBS Snow Crab Workshop, Seattle, WA, Feb., 2011. (talk)

Slater, LM, JB Webb, M Inokuma, D Pengilly. Research on Bering Sea snow and Tanner crab: Status report & future directions. Interagency Crab Meeting, Anchorage, AK, Dec. 2010. (talk)

Slater, LM, D Pengilly, JB Webb. Comparison of methods for estimating Tanner crab fecundity. PICES Annual Meeting, Portland, OR, Oct., 2010. (poster)

Slater, LM, KA MacTavish, D Pengilly. Sperm reserves of primiparous snow crab (*Chionoecetes opilio*) in the eastern Bering Sea. Biology and Management of Exploited Crab Populations under Climate Change, Alaska Sea Grant Lowell Wakefield Fisheries Symposium Series, Anchorage, AK, Mar., 2009. (talk)

Slater, LM, KA MacTavish, D Pengilly. Sperm reserves of primiparous snow crab (*Chionoecetes opilio*) in the eastern Bering Sea. Alaska Marine Science Symposium, Anchorage, AK, Jan., 2009. (poster)