Accepted Manuscript

Lack of intermuscular bones in specimens of *Colossoma macropomum*: An unusual phenotype to be incorporated into genetic improvement programs

Caio Augusto Perazza, Jenner Tavares Bezerra de Menezes, José Bento Sterman Ferraz, Alexandre Wagner Silva Hilsdorf

PII:	S0044-8486(16)30249-6
DOI:	doi: 10.1016/j.aquaculture.2016.05.014
Reference:	AQUA 632142

To appear in: Aquaculture

Received date:14 August 2015Revised date:6 May 2016Accepted date:7 May 2016



Please cite this article as: Perazza, Caio Augusto, de Menezes, Jenner Tavares Bezerra, Ferraz, José Bento Sterman, Hilsdorf, Alexandre Wagner Silva, Lack of intermuscular bones in specimens of *Colossoma macropomum*: An unusual phenotype to be incorporated into genetic improvement programs, *Aquaculture* (2016), doi: 10.1016/j.aquaculture.2016.05.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Lack of intermuscular bones in specimens of *Colossoma macropomum*: an unusual phenotype to be incorporated into genetic improvement programs

Caio Augusto Perazza^a, Jenner Tavares Bezerra de Menezes^b, José Bento Sterman Ferraz^c, Alexandre Wagner Silva Hilsdorf^a,

^a Unit of Biotechnology, University of Mogi das Cruzes, P.O. Box 411, 08701-970, Mogi das Cruzes, SP, Brasil.

^bBiofish Aquaculture Consulting, Rua Padre Chiquinho, 1493, Porto Velho, 76801-504, RO, Brazil.

^cAnimal Breeding and Biotechnology Group, College of Animal Science and Food Engineering,

University of Sao Paulo, Brazil, P.O. Box 23, 13630-970, Pirassununga, SP, Brazil

Key words: epineural bone; epipleural bone; pin bones; Characiformes; tambaqui; ultrasound; X-ray

Corresponding author: Alexandre Wagner Silva Hilsdorf Universidade de Mogi das Cruzes Núcleo Integrado de Biotecnologia P.O. Box 411 08780-911, Mogi das Cruzes, SP, Brazil Phone: (55) (11) 4798-7106 wagner@umc.br

دريافت فورى 🛶 متن كامل مقاله

- امکان دانلود نسخه تمام متن مقالات انگلیسی
 امکان دانلود نسخه ترجمه شده مقالات
 پذیرش سفارش ترجمه تخصصی
 امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 امکان دانلود رایگان ۲ صفحه اول هر مقاله
 امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 دانلود فوری مقاله پس از پرداخت آنلاین
 پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات
- ISIArticles مرجع مقالات تخصصی ایران