

Peer Reviewed Papers

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Penfold LM, Wyffels JT. (2019). Reproductive science in sharks and rays. In: Reproductive Sciences in Animal Conservation, Advances in Experimental Medicine and Biology. P. Comizzoli. Springer Nature Switzerland AG, 465-488.

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Abstracts

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Metrione LC, Hunter D, Penfold LM. (2012). Living with the threat of predation: fecal corticosterone metabolites in bison. International Society for Wildlife Endocrinology, Vienna, Austria.

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- Metrione LC**, Flora P, Foster W, **Penfold LM**. (2015). Serum testosterone and cortisol as they relate to behavior among group-housed bull African elephants (*Loxodonta africana*). International Society for Wildlife Endocrinology, Berlin, Germany.
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- Anderson CE, **Gillis JD**, Miller SN, Davis MR. (2021). Production of live offspring from unilateral (left) ovariectomized Potamotrygon rays (*Potamotrygon castexi*, *P. leopoldi*, *P. motoro*). International Association for Aquatic Animal Medicine, Tampa, USA.
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- Pham Ho NK, Metrione L, Price C, Duskin L, Stamper MA, Penfold L.** (2021). Three-dimensional GIS: from visualization to analysis, a technique to incorporating depth into habitat use descriptions for aquariums. Association of Zoos and Aquariums Virtual Conference.
- Stoops M, **Metrione L, Gillis JD, Wojtusik J, Bezjian M, Flacke G, Myers G, James M, Penfold LM.** (2021). Successful artificial insemination with induced ovulation in a fully anesthetized greater one-horned rhino. Association of Zoos and Aquariums Virtual Conference.
- Gillis JD, Yon L, Penfold LM.** (2022). Effects of exogenous oxytocin on semen characteristics in banteng (*Bos javanicus*) and lowland anoa (*Bubalus depressicornis*). *Reproduction, Fertility, and Development*, 35: 140-141.
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- Penfold L, Pukazhenthil B, Lavin S.** (2022). Challenges and considerations for biobanking for zoos and aquaria: a mammoth undertaking. *Reproduction, Fertility and Development*, 35: 141-142.

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Newsletters and Non-scientific Publications

Kopel EM, **Daly-Crews K, Metrione L.** (2016). Location and activity preferences of tigers living in a complex habitat. *Animal Keeper Forum*, 43: 254-258.

Gillis JD. (2019). Exciting PhD research: Advancing genome resource banking methods for Action Indonesia GSMPs'. *Action Indonesia Newsletter*, p. 2.

Hayes L, **Metrione L.** (2019). Managing 2.3 Sumatran tigers in a rotating group system to mitigate potential social stress and promote breeding at the Dallas Zoo. *Animal Keeper Forum*, 46: 10-16.