**Supplementary materials for Journal of Wildlife Diseases DOI: 10.7589/JWD-D-21-00179: Stacie J. Robinson and Michelle M. Barbieri. TERRESTRIAL PATHOGEN POLLUTANT, *TOXOPLASMA GONDII*, THREATENS HAWAIIAN MONK SEALS FOLLOWING HEAVY RUNOFF EVENTS.**

**Supplementary Table 1**. Hawaiian monk seals (*Neomonachus schauinslandi*) found stranded in the main Hawaiian Islands from 2005–2020 and classified as toxoplasmosis cases or controls to evaluate environmental risks of exposure to *Toxoplasma gondii*.

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| **Standing Island**  | **Stranding Region**  | **Stranding Date** | **Seal ID a** | **Size Class** | **Sex** | **Cause of Death** | **Prob. CODb**  | **Comments** |
| **Toxoplasmosis Cases**  |
| O'ahu | Windward Bay | 9/13/05 | RK29 | Adult | Male | Toxoplasmosis | 0.9 |   |
| O'ahu | Windward N | 4/15/14 | R017 | Adult | Female | Toxoplasmosis | 1 |   |
| O'ahu | West | 3/16/15 | RB24 | Adult | Female | Toxoplasmosis | 1 |   |
| O'ahu | Town S | 11/9/15 | RN36 | Juvenile | Female | Toxoplasmosis | 1 |   |
| O'ahu | Windward Bay | 5/15/18 | RK60 | Adult | Female | Toxoplasmosis | 1 |   |
| O'ahu | Windward N | 5/17/18 | RT10 | Adult | Female | Toxoplasmosis | 1 |   |
| O'ahu | West | 1/18/20 | RO28 | Adult | Female | Toxoplasmosis | 1 |   |
| O'ahu | Windward N | 1/26/20 | RKC1 | Juvenile | Male | Toxoplasmosis | 1 |   |
| O'ahu | North Shore | 3/5/21 | RK40 | Subadult | Female | Toxoplasmosis | 1 |  |
| Kauai | East | 1/23/04 | RK07 | Adult | Male | Toxoplasmosis | 1 |   |
| Kauai | East | 5/22/06 | KA060D03 | Juvenile | Male | Toxoplasmosis | 1 |   |
| Kauai | South | 3/17/10 | RH40 | Adult | Male | Toxoplasmosis | 1 |   |
| Moloka'i | Moloka'i | 1/22/10 | RTX1 | Nursing Pup | Female | Toxoplasmosis | 1 | likely representative of undetected maternal case |
| **Toxoplasmosis Cases - excluded from study** |
| Maui / Lana'i | Offshore | 10/2/07 | R011 | Adult | Female | Supect Toxoplasmosis | 0.75 | unconfirmed, uncertain region  |
| O'ahu | West | 3/11/15 | RGX2 | Fetus | Male | Toxoplasmosis | na | aborted secondary to maternal case in RB24 |
| O'ahu | Windward N | 5/16/18 | RKD2 | Neonatal Pup | Female | Toxoplasmosis | 1 | secondary to maternal case in RT10 |
| **Controls** |
| O'ahu | Town S | 4/10/07 | R6AT | Sub-adult | Female | Research mortality | 1 |   |
| O'ahu | West | 5/27/07 | R300 | Adult | Male | Drowning  | 1 |   |
| O'ahu | West | 5/15/14 | R018 | Adult | Male | Trauma | 1 |   |
| O'ahu | North Shore | 12/27/15 | RG03 | Weaned pup | Female | Hook ingestion | 1 |   |
| O'ahu | West | 3/27/16 | RT12 | Adult | Male | Drowning  | 0.9 |   |
| O'ahu | North Shore | 9/23/16 | R912 | Adult | Female | Trauma | 1 |   |
| O'ahu | Windward S | 10/21/16 | RG06 | Juvenile | Female | Disease  | 0.8 |   |
| O'ahu | North Shore | 12/28/17 | RJ16 | Juvenile | Male | Disease  | 1 |   |
| O'ahu | West | 2/2/19 | RI37 | Adult | Female | Trauma | 0.7 |   |
| O'ahu | North Shore | 8/21/19 | RK88 | Juvenile | Male | Drowning  | 0.85 |   |
| O'ahu | Windward N | 5/24/21 | RM90 | Juvenile | Female | Drowning  | 0.6 |   |
| Kauai | South | 2/24/05 | R2AM | Adult | Male | Trauma | 0.6 |   |
| Kauai | South | 2/3/06 | RR62 | Sub-adult | Female | Drowning  | 0.75 |   |
| Kauai | South | 4/19/09 | RI19 | Adult | Male | Trauma | 1 |   |
| Kauai | East | 5/21/09 | RK06 | Adult | Female | Trauma | 1 |   |
| Kauai | South | 5/6/10 | KA100366 | Juvenile | Female | Trauma | 1 |   |
| Kauai | East | 3/25/11 | TK49 | Adult | Male | Malnutrition | 1 |   |
| Kauai | South | 11/12/11 | TT40 | Adult | Male | Malnutrition | 1 |   |
| Moloka'i | Moloka'i | 12/14/09 | TY75 | Adult | Male | Trauma | 1 |   |
| Moloka'i | Moloka'i | 11/14/11 | RR64 | Adult | Male | Trauma | 1 |   |
| Moloka'i | Moloka'i | 12/21/11 | RT40 | Juvenile | Female | Trauma | 1 |   |
| Moloka'i | Moloka'i | 12/28/11 | RT04 | Juvenile | Male | Drowning  | 0.75 |   |

aSeal ID Individual seals were identified using the digitally catalogued combination of natural markings, applied bleach marks and flipper tags (Baker et al. 2011; Harting et al. 2004).

 bProb. COD=Probability of cause-of-death (COD) as estimated through expert review of necropsy findings detailed in Harting et al. (2021).