

# QUARANTINE PROTOCOLS

## IMPORTANT!!

- Wear wellies, DISPOSABLE gown, & gloves.
- PUT ON & REMOVE GLOVES IN A STERILE FASHION.
- CHANGE GLOVES BETWEEN SPECIES, AND AS NECESSARY TO AVOID CROSS-CONTAMINATION (*e.g. Drosophila* jars, pens, etc. should only be touched with clean gloves).
- USE NITRIL GLOVES FOR ALL AMPHIBIAN SPECIES WHOSE CHYTRID STATUS IS NOT KNOWN. Non-powdered latex gloves can be used for species that have tested negative for chytrid.
- The hose head should not touch the floor at any time – suspend it from the hook hanging from the ceiling when not in use.
- When feeding, a single plastic bag (preferably) or clean container should be used for each species (plastic bags are to be discarded after use, containers are to be washed and disinfected).
- Waste water goes into the red and one of the large black buckets – be very careful not to splash waste water out of the buckets, and treat the outside of the buckets as contaminated.

- Used gowns, gloves, towel, etc. go into the yellow bag – again, treat the outside of the bag as contaminated.
- If yellow bag is full, seal with plastic cable tie, put inside another bag, seal that and put outside into hazardous waste bins.

### SERVICE ORDER

- |                             |                                 |
|-----------------------------|---------------------------------|
| 1. <i>Alytes</i>            | 8. <i>Megophrys</i> mets / juvs |
| 2. <i>Nectophrynoides</i>   | 9. <i>Megophrys</i> tadpoles    |
| 3. <i>Pedostibes</i> (AG35) | 10. <i>Theلودerma</i> (Riga)    |
| 4. <i>Sceloporus</i>        | 11. <i>Phyllobates</i> (Riga)   |
| 5. <i>Pedostibes</i> (AG39) | 12. <i>Hyperolius</i> (Riga)    |
| 6. <i>Epipedobates</i>      | 13. <i>Typhlonectes</i> (Riga)  |
| 7. <i>Hylarana</i>          |                                 |

### ROUTINE

- Put away dry washing up.
- Wash up items that have been soaking in the sink, rinse thoroughly *with the hose*.
- Hose down floor *if necessary*.
- Pour water in all waste water buckets down the drain.

- FOR EACH SPECIES (following the service order, and changing gloves between species & as necessary during servicing to prevent cross-contamination):
  - Check animals (record any breeding activity, e.g. calling, amplexus, clutches, tadpoles, mets) and temperature.
  - Replace newspaper/towel if necessary (moisten towel!).
  - Empty water dishes / other waste water into waste water buckets.
  - Clean dish with towel and rinse (over waste water bucket).
  - Fill up water dish *with room temperature water from plastic bottles only!*
  - Spray if necessary.
  - Feed if necessary (use Nutrobal).
  - Fill-up water bottle / jug / spray bottle and put back onto shelf (ensure you do not contaminate the taps).
  
- **When changing water for tadpoles / aquatic species, the tank should be re-filled to the appropriate level with aged tap water using the 'clean' 1L jug (& clean gloves), and the appropriate amount of water conditioner should be added to the tank (5ml conditioner / 10L water) – add this to the tank before adding the final two litres of water.**
  
- Any items that need to be soaked in Trigene should be placed in the 'clean' sink – a **full sink** (70L – two cms. below the top) requires **700 mls, or 28 full squirts**, of Trigene.
  
- Spray the contaminated sink and taps with dilute Trigene (be very careful not to spray onto clean washing up on draining board).

- Top up the black aged tap water container if necessary.
  
- Add the appropriate amount of Trigene to the waste water buckets, including the container for waste water from the contaminated sink (see tables below), then cover the buckets and leave overnight.
  
- Fill a yellow bucket to **10L mark** with water and add **125 mls, or five full squirts**, of Trigene. Pour this over the floor, ensuring even coverage (but without splashing into enclosures!). This needs to sit on the floor, and should not actually run down the drain.
  
- Turn off hose, spray hose head, tap and hook (suspended from ceiling) with F10.
  
- Using a clean glove, turn the tap on, remove gloves and gown, wash hands & lower arms with Hibiscrub – *a contact time of 30s is required.*
  
- After exiting, shutting the door, and disposing of any rubbish bags, use a Trigene wipe on your hands (before doing up shoelaces, putting on jacket, etc.).

**WORKING OUT HOW MUCH TRIGENE TO ADD:**

<b>SML. BLACK bucket filled to:</b>	<b>Volume (l)</b>	<b>No. of full squirts of Trigene</b>
<b>1<sup>ST</sup> line*</b> (2.5 cm from bottom)	<b>1.5</b>	<b>1 (25mls)</b>
<b>2<sup>nd</sup> line*</b> (9 cm from bottom)	<b>6</b>	<b>3 (75mls)</b>
<b>3<sup>rd</sup> line*</b> (16 cm from bottom)	<b>12</b>	<b>6 (150mls)</b>
<b>1cm below top of bucket</b>	<b>20</b>	<b>10 (250mls)</b>

<b>LGE. BLACK bucket filled to:</b>	<b>Volume (l)</b>	<b>No. of full squirts of Trigene</b>
<b>1<sup>ST</sup> line*</b> (3.5cm from bottom)	<b>5</b>	<b>2 (50mls)</b>
<b>2<sup>nd</sup> line*</b> (13cm from bottom)	<b>20</b>	<b>10 (250mls)</b>
<b>3<sup>rd</sup> line*</b> (31cm from bottom)	<b>50</b>	<b>25 (625mls)</b>
<b>1cm below top of bucket</b>	<b>65</b>	<b>30 (750mls)</b>

**\* these are the lines visible on the inside of the buckets**

<b>RED or YELLOW bucket filled to:</b>	<b>No. of full squirts of Trigene</b>
<b>2 l</b>	<b>1 (25mls)</b>
<b>5 l</b>	<b>2 (50mls)</b>
<b>10 l</b>	<b>5 (125mls)</b>
<b>14.5 l (1 cm below top of bucket)</b>	<b>7 (175mls)</b>