PRACTICE FOR A FEW DAYS and then report back to the group to see if you want to change anything – do we collect chatter

For a 20 minute observation period:

1. Using a timer/phone/smart watch application, set a timer for a total of 20 minutes, that will elicit a quiet beep every minute.
2. Once observations begin, write down all behaviors for your focal bird for 20 minutes as you normally would. I do not record calls as song, so mark those down normally for your focal bird.
   * Every time your timer beeps/vibrates

In this order note:

* + - 1. Is the focal bird singing?
      2. Are other birds singing (just note # singing at beep)
      3. How many birds are within one body length (peck distance) of your bird?
      4. Note general activity of aviary:
    - Low activity = 2 birds or less flying around
    - Medium activity = 3-5 birds flying around
    - High activity = 6 or more birds flying around

1. Continue both of these for the full 20 minute observation.

**Other Notes**

* Record song as separate bouts, and for how long the bird sang (in seconds) during each bout; write down WH for intro whistles. If start song write down start time…if end before 2 secs write down FR. Otherwise, write down song stop time (= full bout).
* Take note of any anomaly (keys dropping, outside noise, etc.) that may affect behavior.
* If more than 5 birds are lethargic in an aviary, drop your keys to arouse the aviary.

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| **code** | **actual\_behavior** |
| Pk | Peck another bird |
| app | approach (within approx. 1 body length head to tail or ~ 2 bird widths) and the approached bird does not move away/leave for at least 1 sec |
| b | bathe (bouts) with a bout separated by about 2 secs (you count 1-one thousand, 2-one thousand) |
| bleh | "bleh" call – most common |
| bw | bouts of beak wipe with a bout separated by about 2 secs |
| de | defecate |
| ch | Chase another bird |
| r-ch | Receive chase (chased by another bird) |
| dis | displaced another bird (within 1 second)= your focal bird approaches another bird and that bird departs within 1 sec |
| db | Displaced by another bird (within 1 second) = your bird is approached by another bird and leaves within 1 sec |
| dr | Bouts of Drink with a bout separated by about 2 seconds |
| f | Bouts of feeding with a bout separated by about 2 seconds |
| fp | fly to a new perch |
| h | horizontal motion or perch change (without flying) |
| lg | leg stretch |
| pko | Peck object note if it’s the window |
| pr | preen (bout separated by 2 seconds) |
| prp | "prrrp" call |
| r | ruffle feathers |
| s() | Full song (time) |
| sc | scratch |
| Sl () | Sleep (count by seconds) Timer start time/stop time noted |
| st | stretch wings behind back |
| wh | Whistle- intro whistle not followed by full song |
| fr | Fragment of song – song (not a whistle) that lasts 2 seconds or less |
| y | yawn |
| ct | Chatter (that chattering sound when discrupted) |