Botryllus schlosseri staging flowchart for asexual development

Do you see resorbing zooids?

- Yes
  - Stage D or early Stage A-1 *
    - (11/8/6) **
  - Are the siphons closed or open in the new zooids?
    - closed
      - Stage D *
        - (11/8/6) **
    - open
      - Stage A-1 *
        - (9/7/1) **

- No
  - Stage A-1 to Stage C-2 *
    - (9/7/1) – (9/8/6) **
    - Do you see hearts beating in primary buds?
      - Yes
        - Stage B-2 to C2 *
          - (9/8/3) - (9/8/6) **
      - No
        - Stage B-1 to C2 *
          - (9/8/2) – (9/8/6) **
      - Is the secondary bud closed off from the primary bud?
        - Yes
          - Stage B-2 to C2 *
            - (9/8/3) **
        - No
          - Is the inside of the secondary bud is clear?
            - Yes
              - Stage B-2 *
                - (9/8/3) **
            - No
              - Stage C-1 to C2 *
                - (9/8/4) – (9/8/6) **

* Lauzon et al. staging method [38]
** Sabbadin staging method [6]