Barnegat Bay Shellfish Restoration Program
SPRING TERM SYLLABUS 2015

Open House: open to the public at no charge (4/28/15) 7:00 to 9:00

- BBSRP, Mission and Goals (Gef Flimlin)
- NJ DEP Bureau of Shellfisheries participation in BBSRP as part of their mission (Jeff Normant)
- ReClam the Bay (Rick Bushnell)
- Shellfish In the Classroom (Wes Dalzell)
- American Littoral Society’s participation in BBSRP (Helen Henderson)
- The Barnegat Bay Watersheds (Steve Yergeau)
- The backgrounds of the people of ReClam the bay (Jim Merritt)
- Description of Shellfish Gardener Training Course (Gef Flimlin)
- Q and A time
- Registration for the course opportunity (Kelly Jurgensen)

I. Shellfish and Barnegat Bay Ecology (5/05/15)
   - Program Pre-test; extra registrations (Kelly Jurgensen)
   - Barnegat Bay Ecology (Stan Hales)
   - Class Introductions
   - Types of shellfish and their habitat (Jim Merritt or Bruce Beveridge, Gef Flimlin)

II. Growing Shellfish and Data Collection Part 1 (5/12/14)
    - Hatchery to planting (Gef Flimlin)
    - Upweller care and management (Wes Dalzell)
    - Types of data to be collected (Rick Bushnell)

III. Ocean County Soils and how they relate to Barnegat Bay (5/19/15)
     - The Connection between the watershed and the bay (Becky Laboy, OC SCD)
     - New Membership Responsibilities (Rick Bushnell/Charlie Brandt)

IV. Bay Water Quality and What Affects It? (5/26/15)
    - Why do we test water quality? (Steve Yergeau)
    - Beaches, Flounder and Students: A MATES Perspective (MATES Interns)

V. Water Quality Monitoring and Upweller Data Collection Part 2 (6/02/15)
    - Importance of water quality monitoring (Debby Watkins, NJDEP)
    - Documenting seed growth and mortality (Frank Vives, Tony McCall)
    - Recordkeeping: What do we do with the information? (Rich Bushnell)

VI. New Jersey Shellfish Restoration Programs (6/09/15)
    - NJDEP Bureau of Shellfisheries programs for oysters in Delaware Bay (Russ Babb)
    - American Littoral Society Environmental Programs for Barnegat Bay (Helen Henderson)
VII. **Setting Oysters on Shells** (6/16/15)

- Review for Assessment (Gef Flimlin, Jim Merritt)
- Hands on Activity (Gef Flimlin, Jeff Silady)
- Spat on Shell Oyster Production (Gef Flimlin)
- What committee will the new volunteers work on? Discussion of the activities of the various BBSRP/RCTB committees and sign up by the new students. (Bruce Beveridge, Wes Dalzell, Charlie Brandt, etc.)
- Assignment of upweller groups or committee teams (Rick Bushnell, Gef Flimlin)
- Mid-term test (Gef Flimlin)

Field Trips:

---A Day on Barnegat Bay; Waretown, NJ (?) 9am Some Saturday in mid to late June.
Plan for summer field experience: Baymen discussion

--Trip to Island Beach State Park Upweller (date to be confirmed)

*Recommended for all shellfish gardeners

Program fee is $75, $35 for students. Includes binder with course materials and RCTB sticker and shirt upon completion of spring program.