



# BELIZE TREC

San Pedro, Belize

## Available Equipment List

### Research Collaboration

Belize TREC is dedicated to providing a research conducive environment, so professors and students can meet their research goals expeditiously. Custom itineraries are made to suite each research (or teaching) group's needs. Itineraries typically vary by stay length, snorkel/dive locations, and mainland excursions, though we are flexible to other changes. Groups visiting Belize TREC have full access to the research equipment kept at the facility (some of which is documented in the Available Equipment tab). Groups also have the option to leave equipment brought to Belize TREC at the facility so that it may be used on future trips without the hassle of transportation. Professors interested in doing coral reef/marine biology research but uncertain of area or project to pursue should contact us!

#### LABORATORY EQUIPMENT

1. Bunsen Burners
2. Centrifuge
3. Dissecting Kits
4. Hydrometers, specific gravity
5. Microscopes – Bausch & Lomb dissecting
6. (2) Bausch & Lomb compound
7. (2) Wolf compound
8. Test tubes, pipettes, slides, flasks, beakers, filters, specimen containers, squeeze bottles
9. Graduated cylinders, heat pen, safety glasses, timers
10. Scale – triple beam
11. Thermometers
12. Voltmeter
13. Natural History Museum – large selection of specimens for comparison
14. Miscellaneous lab equip and glassware

## FIELD EQUIPMENT

1. Barometers, wind meter
2. Binoculars
3. Collecting buckets
4. Compasses
5. Field ID cards
6. Fishing Poles and tackle
7. GPS
8. Hand Lenses
9. LaMotte water sampler
10. Larval light trap
11. Lights – flash lights, dive lights, battery silum, strobe, U/W 12v halogen lamp. Always bring a personal, terrestrial flashlight with you when traveling to an adventure destination like Belize.
12. Navigation tools and charts
13. Nets – plankton, seine, casting, dip, traps
14. Pi pumps – pipetting aids
15. Phone – cellular field phone
16. Salinity Refractometer
17. Secchi disk
18. Sediment core sampler
19. 35mm Slide projector (two)
20. Sextant
21. Tide clock
22. Tide meter
23. Turbidity meter
24. Tools – drills, jig saw, circular saw, vacuum, hand tools, etc
25. Underwater writing slates

## TEACHING SUPPLIES

1. Blackboards / Whiteboards
2. Library – Text volumes, Journals, 35mm slide collection, Video collection
3. Projector
4. Television