

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC)
CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
9001 Stockdale Highway, Bakersfield, CA 93311-1099

MINUTES OF MEETING

Friday 24 April 2009

DDH A-108

Members Present:

Scientific Concerns: Todd McBride, Steve Suter, David Germano

Non-Scientific Concerns: Andrew Troup, Stephen Gamboa

Community Issues: Eugene Couture, Debby Kroeger

Safety and Risk Management: David Beadle

Veterinarian: Mylon Filkins

Members Absent: Robert Horton

Visitors:

Susan Hult for Protocol 09-02

Meeting was called to order by Chair Steve Suter at 1:00 PM.

I. ANNOUNCEMENTS:

- A.** The June 2009 protocol renewals will use the approved Application for IACUC Protocol Renewal, accompanied by helpful instructions crafted by the Chair.

II. PREVIOUS MINUTES:

Filkins moved and Couture seconded, a motion to approve the minutes for the IACUC meeting of 30 January 2009. The motion was approved 9-0.

III. OLD BUSINESS:

- A.** There was a consensus to keep the June 2009 as scheduled for Friday 12 June.

IV. NEW BUSINESS:

A. Review of Proposed Modifications of Active Protocols [none]

B. Review of New Protocols

- 1. Protocol 09-02.** "Habitat Association of Coast Horned Lizard (*Phrynosoma coronatum*) in the San Joaquin Valley" with Susan Hult [Biology Student] and David Germano [Faculty Mentor]

The PI summarized. The purpose is to get baseline habitat information about a species that, although not formally listed, is getting relatively scarce. Data will be collected on vegetation, food sources, prevalence, and so forth, for good science and to inform land use decisions. Some lizards will be captured, assessed, and released. The student investigator and faculty mentor are appropriately permitted. Questions followed.

[Q = question A = answer C = comment]

- Q:** You indicate the clipping won't cause much pain, but you don't include an estimate on the pain scales. **A:** You can tell that the lizard feels the clip, but no signs of extreme distress. Will add the pain scale data for the file.
- Q:** You are going to keep the toes, but not do the genetic analysis under this protocol? **A:** Yes, the toes will be kept for possible genetic analysis later.
- Q:** After the toe clip, is an antibiotic or antifungal routinely administered? **A:** No, but a blood coagulator is kept handy in case of excessive bleeding, which rarely happens because the toes are not well vascularized.
- Q:** Student and faculty mentor will go into the field together?. **A:** Yes, at first, for training about doing the basic observations, but especially supervision of the PIT tagging which requires the injection. Eventually the student investigator will engage volunteer observers, but they won't handle any animals.
- Q:** When the student goes into the field alone, she will do the basic trip plan notification? **A:** Yes.
- Q:** This includes observations at the National Wildlife Refuge in Kern? **A:** No, it's the Pixley site.
- Q:** You're still using the nail clipper technology for the toe clips? **A:** Yes.
- Q:** Field data collection will involve meandering? **A:** Yes -- this means to cover the study area effectively, but haphazardly, as opposed to walking staked transit lines.
- Q:** What is the range of this species? **A:** The individual home ranges are around 30 to 100 meters. Geographically, they are present from at least Sacramento down to Baja and from the western Sierra foothills over to the coast. They may be declining because of invasions of Argentine ants that are replacing tastier acidic ants that the lizards need for their nutritional requirements.

When there were no further questions from the IACUC, the PI and faculty mentor were excused and the IACUC deliberated in executive session. There was a motion to authorize Protocol 09-02 as submitted. [Filkins moved, McBride seconded, 8-0]

C. Renewal of Protocols [none]

V. AREAS OF CONCERN: [none]

VI. NEXT MEETING:

Friday, 12 June 2009 – probably in DDH A-108 again.

VII. ADJOURNMENT:

There being no further business, the meeting was adjourned at 1:35 PM. [Filkins moved, Troup seconded, 9-0]

Respectfully Submitted, **Steve Suter, Professor of Psychology, Secretary for the IACUC**