

FIELD

NOTES

1972

Stephen D. Busch
Rota, Spain

24-25 DEC 71

1 Jan - 11 MAR 72

EQUIPMENT:

Black Body Temperatures taken with:

WESTON
INSTRUMENTS

614
FRELINGHUYSEN
AVE,

NEWARK,
NJ
07114

MODEL
2282

WEKSLER 1 3/4 dial size Bi-Metal Thermometer
graduated from 0-100°C. 8" stem painted
Black with enamel. Thermometer is type 2A08-4
mfg by WEKSLER INSTRUMENTS CORP, FREEPORT,
N.Y. 11520 (Fed. Stock # 6685-245-7678, \$7.50 ea)

2 Thermometer are used, one in open shade, one
in sun and each is graduated against the other
at termination of every run.

FAHRENHEIT THERMOMETER MANUFACTURED

BY TAYLOR - SIMILAR TO TODAY'S ACURITE 00661

SOIL THERMOMETER. 1.8" IN DIAM X 75" LONG
OR

G-25-125 F - 9" STEM - PLAIN

BY OMEGA, 25-125°F, BI-METAL,

1.73" HEAD (WWW.OMEGA.COM/POTST/G-DIALTEMP.

HTML) STAINLESS STEEL BODY + STEM

MAMMAL NAMES FROM:

RANCK, GARY L. 1968. The Rodents of Libya: Taxonomy, Ecology
and Zoogeographical Relationships USNM Bull. 275, 264 pp, 8,
54 figs (\$1.50)

USEFUL DATA FOR SPANISH RESEARCH:

GILES, ROBERT H. (Ed.) 1971. Wildly, Management Techn.
633 pp, 7 appendices (Tables), figs available from:
The Wildly Society, Inc.
Suite 5-176, 3900 Wisconsin Ave, N.W.
Washington, D.C. 20016

FOR FIELD BALANCES (30g - 1 kg): [PESOLA scales -- Spring Type]

BLEITZ WILDLIFE FOUNDATION.

5334 HOLLYWOOD BOULEVARD

HOLLYWOOD, CALIFORNIA 90027

Spain, Sevilla Prov.

24 DEC 71:

Transposed from notes of Miguel Moya:

Sevilla Prov, Cazorla, 16 miles N or 6 mi. SW

Fuente de Andalucía.

"Triturus m. pygmaeus (75 [divided between Carnegie and USNM 60:15]) captured between 2200 hr and 0330 hr, 25 DEC 71.

They were scattered from NE to SE around old olive tree trunks & found up to eleven specimens at the same tree as far off as about 3 or 4 feet from the tree trunk but normally on it.

I captured more than I recall on the East side of the tree. It had rained there the first time since July '71, it was raining about 1900 hr to 2130 hr of the 24th, not very hard, most of the toads [Bufo catormita] I captured was (sic) while raining.

[] mine

I saw many (about 20) Pleurodeles Walthi (sic) also while collecting Triturus (sic) but none of good size. about 0230 hr a heavy fog was covering the area."

01 JAN 72

Sevilla Prov, Cazorla, 16 mi. N. or 16 mi. SW Fuente de Andalucía.

"... captured on 1 Jan 72 about 2200 hr. Temperature around 31.°F. I captured few Triturus and saw Pleurodeles also

[] mine

[Triturus captured here are still w/ Moya] They were from the same area I captured the 75 aforementioned, that is a small area of 23 olive trees. The 1st Jan I went to another area w/ many old olive trees but captured only 1 Triturus and one Pleurodeles and no toads. However, among the trees there was a house in ruins (wall made of earth and straw) where I captured 2 Triturus and saw 1 Pleurodeles."

Spain, Cádiz Prov.

15 Jan 72

Los Barrios, Rain and 51°F, one Hyla meridionalis seen AOR 0.5 mi. W. 7.1 mi. N., 46°F, 2130, one Bufo laevis AOR (CMFS 22836-22838) collected 9.1 mi. WNW, 2140, 46°F, a B. laevis (22836-838) collected 9.4 mi. WNW, 2142, 48°F, one DOR Salmonella a. hysan (CMFS 22827-828) collected 10.7 mi. WNW, 2145, 48°F, one Hyla meridionalis (CMFS 22833-22834) collected and several heard calling from S. 11.4 mi WNW, 2150, 47°F, a Discoglossus p. pictus (22829-22831) collected AOR. 11.7 mi WNW at 2157, 48°F, an adult Bufo laevis (22836-22838) seen collected AOR. 12.4 mi. WNW, a D. p. pictus seen DOR. 13.0 mi WNW, 46°F, 2159, 1 D. p. pictus (22829-831) collected AOR. 13.3 mi. WNW, 2201, 48°F, still raining, one D. p. pictus AOR/injured but NOT collected 14.1 mi. WNW, 2204, 48°F, a D. p. pictus collected AOR.

Cosar del Castaño, 1.1 mi. WNW, 2214, 48°F, 1 Salmonella a. hysan (CMFS 22827-828) found DOR. 4.1 mi. WNW, 1 Pseudoeurycea multiceps seen at 2220 4.7 mi. WNW, 2220 a DOR Discoglossus p. pictus seen 6.6 mi. WNW, 2229, 48°F, one Pseudoeurycea punctatus AOR 6.7 mi. WNW, 2232, 48°F, one Rana a. perezi (22832) collected AOR 6.9 mi. WNW, 2234, rain, 48°F, one Hyla meridionalis (CMFS 22833-22834) collected AOR. 7.5 mi. WNW, Hyla in lowland with Quercus suber, 1 P. waltli, P. multiceps, and 1 P. punctatus seen at 2237.

Berlup de Sidonia, 4.4 mi. N., 2315, 48°F, 1 T. m. pygmaeus (CMFS 22840) adult taken AOR. 2.3 mi. N., 50°F, 2323, one Plumodelus waltli (22839) collected AOR. 1.5 mi. N., 2326, 50°F,

- 15 Jan 72 raining, an AOR Pleurochela waltli collected and shipped to H. W. Greene alive. 3.9 mi. S., 2340, 50°F, 1 Pelobates cultripes seen AOR at 2400.
- 24 Jan 72 Rota, Naval Base, one Natrix maura (22841) collected by Miguel Mayu.
- 3 FEB 72 Rota, Naval Base, (CMFS 22842) Bufo calamita collected in Port area. AOR
- 4 FEB 72 Puerto Real, vic. E, one Bufo calamita (22843) collected Rota-Chipiona Road, Luis A. Mosch and I collected one male Hyla arborea meridionalis for skeletal purposes. (CM)
- 10 MAR 72 Spain, Cádiz Prov, Rota:
- ⇒ Released from USN today, tomorrow begins world's longest voyage! [International Biological Project: Desert Biome !!]
- 11 MAR 72 Today was fairly uneventful for the most part. I caught IBERIA's 0930 hr. flight from Sevilla to Madrid. Flight was smooth, nothing was served. Left Madrid at 1330 on ALITALIA bound for Rome. Arrived in Rome about 1500 and waited, somewhat impatiently, in an under-construction airport, for the flight to TUNIS.
- At 1700 and, at long last, we're boarding. The long bus arrives, carries us to our plane, and I get a "private" seat next to a window over the wing. My thoughts are anticipatory as we ascend through the clouds. Every now and then a cloud betrays its shadowed sea below and the azure Mediterranean can be seen. It is calm and still, Spring is about to happen.

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Sunset is dramatic under these circumstances!

As we approach Carthage airport one sees a gentle blend of old and new. In the bay and along the shore one sailed vessels bearing what I suspect are nets. Further inland, electricity spreads its light upon the darkening land. As I look Eastward into the sea, there is an island in the sun which is or orange or a rock could be. It still amazes me to be flying south to Africa on the day I should be flying W. to the U.S.A.

We land perfectly at TUNIS-CARTHAGE and I am immediately impressed by the warmth of the air. Arabic writing in all that betrays my location: it could be small-town Mediterranean and it could be today, tomorrow, or yesterday. A handsome, bronzed man in a grey suit beckons me to approach. He has something in his left hand and I can see that it's probably my letter so I cautiously approach. Dr. George Novikoff thanks me for sending the photograph and says he'll meet me after customs has seen my baggage.

Customs looks at nothing; perhaps it's my pre-constructed list that impresses them. Dr. Novikoff formally introduces himself and we walk to his car. Somehow, I found the Mercedes-Benz with a removable hardtop hard to take! Guess Tunisia provides money for the rich and sand for the poor. I'm introduced to Tunis, paid, fed, and settled in the hotel for the night. The hotel is nothing special save expensive. \$5.00 for a room furnished as such is a pitiful amount. I slept well and was called for at 0530 on the 12th to start adventure #1.