

EntNews

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Dug Miller & daughter



Grand-daughters of Dug Miller



Gary & Dug Miller



Linda Rayor

Dug Miller. (Photo credits: Rayor/ G. Hevel; Field." The story follows Jeremy and his page/J. Louton.

CORRECTION:

message, correcting text in the January issue of Ent. News:

Research Leader of the SEL. He was chairman of the Insect Identification and Insect may be found at calacademy.org. Introduction Institute and of the Institute that had only a brief life span that included several The National Museum of Natural History's additional laboratories over and above the two included in IIBIII. When all of those labs were moved into the Plant Sciences Institute, Knutson took an ARS job in Europe."

ANNOUNCEMENTS:

1109th regular meeting of the Entomological Society of Washington convened on April 03 at 7:00 pm in the Cathy Kerby Seminar Room at the National Museum of Natural History. Linda Rayor from Cornell University discussed the topic "Living with cannibals: cooperation and conflict in an unusual huntsman spider."

1110th regular meeting of Entomological Society of Washington will convene on May 03 at 7:00 pm in the Cathy Kerby Seminar Room at the National Museum of Natural History. Thomas Allen from the Academy of Sciences in Philadelphia will present the topic "Four Years of Collecting & Camping: The Insect Biodiversity of the Southeastern United States."

GENERAL NEWS:

The Spring 2007 issue of the Member Publication of the California Academy of

Front Page: Linda Rayor, speaker at the March Sciences features former SI post-doc Jeremy ESW meeting (see below). Retirement party for Miller in an article titled "Notes from the Miller party/G. Miller. Formatting of front Academy colleagues during several weeks of fieldwork in Yunnan Province, where the province covers 5 percent of the country's land but contains over 60 percent of its native Thanks to Bob Carlson for the following biodiversity. The excitement of trekking the highlands above 3600 meters and finding rare and new species is documented and personally "Note that Lloyd Knutson was never the written by Jeremy and his colleague Dave Kavanaugh. Many images of the expedition

> Office of Guest Services sponsored the first Smithsonian Future Female Scientists Program, a two-day program for 23 local high school girls, on March 08 & 09. From Entomology, Lisa Roberts and Holly Williams were involved in the event.

PUBLICATIONS BY STAFF:

Research papers by retired members of the combined entomological staff will be listed, and those will be preceded by a double asterisk.

Brown, J.W. & K. Nishida. 2007. A new gallinducing tortricid (Lepidoptera: Tortricidae: Olethreutinae) on lima bean (Phaseolus lunatus; Fabaceae) from Costa Rica. Proc. Entomol. Soc. Wash. 109(2): 265-276.

--abstract—Lusterala phaseolana, new genus and new species, is described and illustrated from Costa Rica. The new genus can be distinguished from all other Olethreutinae by its unusual male genitalia, with a digitate uncus covered with long hairs and the absence of socii, and its distinctive forewing maculation (i.e., dark scattered iridescent scales). brown with Assignment of the new genus to Grapholitini is provisional based on the general appearance and chaetotaxy of the larva and a feature of the wing venation (i.e., M2 and M3 parallel and

widely separated at the base). The entire type abstract -- Marine Heteroptera, or true bugs, series was reared from stem galls on lima bean, are ubiquitous but rarely recognized elements Phaseolus lunatus L. (Fabaceae).

**Gagne, R.J. 2007. Species numbers of the southwestern Pacific. During the current Cecidomyiidae (Diptera) by zoogeographical region. Proc. Entomol. Soc. Wash. 109(2): 499.

Instit.

Berytidae) associated Heteroptera: Wash. 109(2): 324-330.

Jalysus ossesae, the smallest known species of the following new taxa described herein: Ocheovelia photomicrographs of genus is given.

Priophorus raspberry pest (Dahlbom)(Hymenoptera: Entomol. Soc. Wash. 109(2): 496-498.

pp. Plochl-Druck, Fristadt, Austria.

of tropical marine ecosystems worldwide, reaching their highest level of diversification in study, collections of marine Heteroptera were made at 41 sampling stations in Milne Bay Province of far eastern Papua New Guinea Hanson, P. & **A.S. Menke. 2006. Las between April 2002 and January 2004. The Avispas Apoidease: Ampulicidae, Sphecidae, sampling stations included sites in and around Crabronidae. Chapter 17, pp. 694-733, in : Milne Bary itself and on the immediately Hanson and Gauld, editors, Hymenoptera de la adjacent islands of Killerton, Iabama, Nuakata, Region Neotropical. Mem. American Ent. Sariba, Lesimano, Sideia, and Basilaki, as well as in the D'Entrecasteaux Islands (Ferguison, Archipelago Normanby), the Louisiade Henry, T.I. 2007. A newly discovered Brazilian (Panatinane, Tagula, Rossel, wola, Misima), the species of the stilt bug genus Jalysus (Hemiptera: Engineer Group (Tubetube), the Conflict with Group (Irai), the Marshall Bennett Islands myrmecophytic plants. Proc. Entomol. Soc. (Woodlark), and Egum Atoll (Yanaba). A total of 29 species in 10 genera of marine --abstract—The newly discovered stilt bug Heteroptera were collected, including the genus, is described from specimens collected nov. gen., with type species Ocheovelia heissi nov. near Manaus, Amazonas, Brazil, on two sp.; Hermatobates kula nov. sp.; Halowelia huniye myrmecophytic species of the genus Maeita nor. Sp.; Halovelia misima nov. sp.; and Xenobates (Melastomataceae) associated with two species kanakopi nov. sp. In addition, a male neotype of ants (Formicidae). A diagnosis, description, from the Zamboanga area of Mindanao, photographs of the adult male, scanning Philippines, is designated for Hermatobates selected marchei Coutiere & Martin, and the following structures, and illustrations of male genitalia are new combinations are proposed: Ocheovelia provided to facilitate recognition. A discussion anderseni (Lansbury) and Ocheovelia solomon of the relationships with certain species of the (Andersen); both of these species were previously held in the genus Halovelia. Based on these surveys, Milne Bay Province supports one Lucia, Mariano, A.H. Abrahamovich, E. Trejo, of the most diverse marine Heteroptera biotas & **D.R. Smith. 2007. First record of the recorded from any area on earth. With an area brullei of 265,000 km, this province occupies only Tenthredinidae; 0.037% of the earth's total area (and only Nematinae; Cladiini) in South America. Proc. 0.052% of earth's water area), yet it supports of the world's known 16.5% marine Gerromorpha. In terms of local species Polhemus, J.T. & **Polhemus, D. A. 2006. richness, Milne Bay proper, the islands east of The marine Heteroptera of Far Eastern New China Strait, Fergusson and Normanby islands Guinea and adjacent Archipelagoes (Insecta: in the D'Entrecasteaux group, and Rossel Gerromorpha), pp. 929-982, in Hug the Bug Island in the Louisiades supported the highest (For Love of True Bugs), Festschrift zum 70, number of species (16, 16, 12 and 11 for E. Heiss, Rabitsch, W., ed. Denisia 19: 1184 respectively), apparently due to their habitat complexity resulting from a combination of

large, reef-bound lagoons or platform reefs patterns of distribution among the marine of fringing moderately high within Milne Bay Province, distributions within the region under study. with no one site supporting more than 16 of New Guinea. Within Papua New Guinea, the previously reported species, pp. 997-1014, in Halobates princes White, thetibates (Lansbury), Halovelia annemariaeAndersen, Austria. Halobates bergrothi Esaki, and Haloveloides abstract—Phytocoris papuensis (Esaki) are extended far to the Pilophorus cinnamopterus 1000 km northeastward. The documented (Linnaeus),

coupled with rocky island shores bearing Heteroptera of eastern New Guinea: south fringing mangrove estuaries. By contrast, coast taxa that extend eastward along the richness was lowest at Egum and Conflict atolls northern margin of the Coral Sea; north coast (3 and 4 species respectively), which have large taxa that extend southeastward from the Huon lagoons and fringing reefs, but lack estuarine Peninsula area to the D'Entrecasteaux Islands, and mangrove habitats or steep rocky shores. the Louisiade Archipelago, and occasionally the Species richness was intermediate at sites on Bismarcks and Solomons; regionally endemic Tagula (9 species), Misima (9 species), and taxa that occur in the Bismarcks, Solomons, Woodlark (7 species), all of which uniformly and on the northeast coast of New Guinea; and support mangrove estuaries and have varying locally endemic taxa confined to the region reef and lagoon between Milne Bay and the Louisiade development, but are more isolated from the Archipelago. Tables are provided giving a main body of New Guinea. Beta diversity was checklist of all taxa, and their individual island

the 29 aggregate species collected during this Wheeler, A.G. Jr., Henry, T.J. & Hoebeke, marine survey program. The collections E.R. 2006. Palearctic plant bugs (Hemiptera: reported here substantially extend the known Miridae) in Newfoundland, Canada: first North ranges of many marine Heteroptera species. American records for *Phytocoris longipennis* Flor Our collections of *Halobates proavus* White and *Piloporus cinnamopterus* (kirschbaum), new apparently represent a new island ecord for records of eight other species, and review of ranges of Halobates calypus Herring, Halobates Hug the Bug (For Love of True Bugs), hayanus White, Halobates maculates Schadow, Festschrift zum 70, for E. Heiss, Rabitsch, W., serena ed. Denisia 19: 1184 pp. Plochl-Druck, Fristadt,

longipennis (Kirschbaum) southeast, by approximately 800-1000 km. The reported from Newfoundland, Canada, as the ranges of Halovelia corallia Andersen, Halovelia first Nearctic records of the Palearctic mirids. novoguinensis Andersen, and Xenobates caudatus Diagnoses and descriptions are provided to Andersen & Weir, all of which were previously facilitate their recognition in the North known only from Motupore Island near Port American fauna. Also reported as new to Moresby, are extended approximately 800 km Newfoundland are eight Palearctic mirids eastward. The ranges of Xenobates mangrove recorded from other Canadian provinces: Andersen & Weir and Xenobates ovatus Andersen Atractotomus mali (Meyer-Dor), Melanotrichus & Weir, known until now only from coastal flavosparsus (C.R. Sahlberg), Phytocoris populi Queensland, are extednded approximately 800- Linnaues, P. ulmi Linnaeus, Pilophorus clavatus Pinalitus rubricatus range of Hermatobates marchei Coutiere & Martin, Plagiognathus vitellinus (Scholtz), and Psallus previously reported only from the type locality Lepidus Fieber. We review for all 10 species Palawan in the Philippines, is extended to the their distribution, host plants, and seasonal southeast by more than 4000 km; previous history in the Palearctic Region; for each of the sureys by the authors had also revealed the eight species known previously from North presence of this species on Mindanao and America, we cite the first Nearctic record and Palau, and these records are provided herein. A summarize the North American distribution biogeographic discussion identifies four major and information on biology. We also list the 33

Palearctic species recorded previously from the National Parks surveys (Carlsbad Caverns and island and include the earliest record from White Sands). Newfoundland and distributional status – that is, whether a species has been accidentally Carlo Moreno from the University of addition of 10 mirid species considered to have the Ant Lab on April 13. introduced with commerce Newfoundland the highest proportion of non- Freddy Ruiz from The Natural History Canadian province.

VISITORS:

Vincent D'Antonio from Towson University, Maryland, visited Ted Schultz and the Ant Lab on April 13.

Keith Hopper from the USDA, ARS Beneficial Insects Introduction Research Unit in Newark, N.J. will visit Michael Gates and the Hymenoptera Collection on May 03.

Kjell Arne Johanson, head of the Entomology Department at the Swedish Museum of Natural History in Stockholm, visited Oliver Flint and the Trichoptera Collection, April 10-14.

Peter Landolt from USDA, ARS, Washington, visited John Brown and Lepidoptera Collection on April 11 to identify moths of the families Noctuidae and Geometridae from Washington state.

Yvonne Linton from the Natural History Museum in London will visit Rick Wilkerson and the Culicidae Collection at MSC, April 23 Terry Erwin will travel to St. Louis, Missouri through Mary 11.

Eric Metzler from Alamogordo, New Mexico visited John Brown and the Lepidoptera Terry Erwin will travel to California May 01-Collection April 13-18 to identify moths from

introduced or is naturally Holarctic. The California at Santa Cruz visited Ted Schultz and

native plant bugs (28.6% of 91 spp.) of any Museum in London will visit Rick Wilkerson and the Culicidae Collection April 23 through May 25.

> Rowland Shelley from the North Carolina Museum of Natural Sciences in Raleigh will visit Jonathan Coddington and the Myriapoda Collection, May 07-08.

> Brent Streury from the National Park Survey in Washington visited John Brown and the Lepidoptera Collection to identify moths from National Park Service surveys on April 09.

> Masahiro Sueyoshi from Forestry & Forest Product Research Institute, Kumamoto, Japan, will visit Wayne Mathis April 26 through May 12 to prepare research specimens for shipment to Japan.

> Timothy Tomon from the Carnegie Museum in Pittsburgh will visit Patricia Gentili-Poole and the Geometridae Collection on April 27, to photograph types.

TRAVEL BY STAFF:

over the weekend of April 20-22 to defend the Ph.D. candidacy of a student.

14 to join Dave Kavanaugh in research on carabid beetles.