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## The Stink Bugs (Hemiptera: Heteroptera: Pentatomidae) of Washington State

Richard S. Zack<sup>1</sup>, Peter J. Landolt<sup>2</sup> and Joseph E. Munyaneza<sup>2</sup>

### Abstract

Froeschner (1988) recorded 23 species of stink bugs (Hemiptera: Heteroptera: Pentatomidae) from Washington State. Based on material primarily housed in the M. T. James Entomological Collection at Washington State University, the number of species is increased to 51. Three species recorded by Froeschner (1988) were not found in our collections: *Apateticus crocatus* (Uhler), *Chlorochroa rossiana* Buxton and Thomas, and *Tepa rugulosa* (Say). Species recorded from Washington State for the first time are: *Apoecilus bracteatus* (Fitch), *Perillus bioculatus* (Fabricius), *Podisus maculiventris* (Say), *P. pallens* (Stål), *P. placidus* Uhler, *P. serieiventris* Uhler, *Zicrona caerulea* (Linnaeus), *Halyomorpha halys* (Stål), *Brochymena quadripustulata* (Fabricius), *B. sulcata* Van Duzee, *Acrosternum hilare* (Say), *Aelia americana* Dallas, *Banasa euchlora* Stål, *B. tumidifrons* Thomas and Yonke, *Chlorochroa congrua* Uhler, *Coenus delius* (Say), *Cosmopepla uhleri* Montandon, *Dendrocoris pini* Montandon, *Euschistus servus* (Say), *E. tristigma* (Say), *E. variolarius* (Palisot), *Holcostethus limbolarius* (Say), *Neottiglossa sulcifrons* Stål, *N. undata* (Say), *Prionosoma podopioides* (Uhler), *Tepa yerma* (Rolston), *Trichopepla grossa* (Van Duzee), and *Amaurochrous vanduzeei* Barber and Sailer.

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It is with great joy that we dedicate this paper to our friend and mentor, Jay McPherson. Jay has been an educator, researcher, colleague, and friend to all of us. He has given of his time to his science and profession but especially to the many students who, under his tutelage, have learned to be not only good scientists but also good persons. His wit and charm are unique and one cannot help but like him. His contributions through his own studies and those of his students will continue to benefit entomology, particularly those studying “bugs,” for many generations to come. In Swahili there is a title, “Mzee” which is used to describe a person who is older, advanced in years. The title however, also carries the designation of earned respect. We believe this title fits Jay very well. It is not that he has become old, but that he has become wise and lovingly respected by all who know him. Our thanks and respect, Mzee McPherson!

The stink bug fauna of Washington State has been the subject of little study. Froeschner (1988) recorded 23 species of Pentatomidae from Washington, whereas numerous other species were listed from the other Pacific Northwest states of Idaho, Oregon, and Montana, as well as British Columbia, Canada. Based primarily on material in the M. T. James Entomological Collection at Washington State University, the number of species is increased to 51. Species recorded by Froeschner (1988) but not found in the collections on which this paper is based are: *Apateticus crocatus* (Uhler), *Chlorochroa rossiana* Buxton and Thomas, and *Tepa rugulosa* (Say). Twenty-eight species are recorded from Washington State for the first time: *Apoecilus bracteatus* (Fitch), *Perillus*

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*bioculatus* (Fabricius), *Podisus maculiventris* (Say), *P. pallens* (Stål), *P. placidus* Uhler, *P. serieiventris* Uhler, *Zicrona caerulea* (Linnaeus), *Brochymena quadripustulata* (Fabricius), *B. sulcata* Van Duzee, *Acrosternum hilare* (Say), *Aelia americana* Dallas, *Banasa euchlora* Stål, *B. tumidifrons* Thomas and Yonke, *Chlorochroa congrua* Uhler, *Coenus delius* (Say), *Cosmopepla lintneriana* Kirkaldy, *C. uhleri* Montandon, *Dendrocoris pini* Montandon, *Euschistus servus* (Say), *E. tristigmus* (Say), *E. variolarius* (Palisot), *Holcostethus limbolarius* (Say), *Neottiglosa sulcifrons* Stål, *N. undata* (Say), *Prionosoma podopioides* (Uhler), *Tepa yerma* (Rolston), *Trichopepla grossa* (Van Duzee), and *Amurochrous vanduzeei* Barber and Sailer.

### Materials and Methods

This paper is based on specimens in the M. T. James Entomological Collection at Washington State University and the collection at the USDA, ARS Yakima Agricultural Lab located in Wapato, WA. Reported in this paper are specimens that we believe are correctly identified and were determined by credible authorities. Specimens of questionable identification are not included in the distribution records. The taxonomy of the paper is based on Froeschner (1988) for the family Pentatomidae and taxa treated in this paper are based on that work, except in cases of subsequent nomenclatural changes.

In a few instances involving specimens collected in the late 19<sup>th</sup> or early 20<sup>th</sup> centuries, a generalized locality is listed on the label but a specific spot in that locality could occur in more than one county. For example, we have specimens of *Apoecilus bracteatus* (Fitch) from the Olympic Mountains, which span Clallam and Jefferson counties. In such cases, we have indicated the most probable county but because some uncertainty exists the county is followed by a question mark (?).

Specimen records are sorted by county and site within the county; county names are capitalized. Relevant information is listed though it may not represent all information on the label(s). Dates are recorded as day, month, and year. Months are recorded by a three-letter abbreviation. In some instances, a day, month, or year are lacking on the label and thus are not shown in the records. In cases where all of the label information except one item is the same for several collecting events, we list information from the first instance and then use "same" and a change in date to represent the next record. The number of specimens represented by a single collecting event (label) is given in parenthesis after the label information.

Washington State records provided by Daniel Swanson are indicated in the distributional records with the acronyms MSUC (The Albert J. Cook Arthropod Research Collection, Michigan State University Collection, East Lansing, MI) and UMMZ (University of Michigan Museum of Zoology, Ann Arbor, MI).

### Results

Herein we record specimens of 48 species of Pentatomidae collected from Washington State. New state records are indicated by an asterisk (\*). *Apateticus crocatus* (Uhler), *Chlorochroa rossiana* Buxton and Thomas, and *Tepa rugulosa* (Say) were recorded by Froeschner (1988) as occurring in Washington State but are not represented in our material and are not found in the following discussion.

#### Subfamily Asopinae

##### *Apoecilus bracteatus* (Fitch)\*

CLALLAM (?): Olympic Mountains (6); KING: Seattle; Pierce: Spanaway, Aug 1936, W. W. Baker, same, Sep 1936; PIERCE (?): Mt. Rainier, Aug 1895,

A. L. Grant; Mt. Rainier, C. V. Piper (2); Mt. Rainier (3); STEVENS: Colville Valley, Loon Lake, 25 Jul 1882, H. M. Parshley (UMMZ); WHITMAN: Pullman, 1894, same, 12 Aug 1896 (5); same, 11 Aug 1896; same, 8-9 Aug 1896; same, 4 Oct 1929, P. Eide; same, no date; Colton, 6 Jul 1948, C. C. Shelton; YAKIMA: Yakima; 6mi SW of Tappico, 22 Oct 1911.

***Perillus bioculatus* (Fabricius)\***

ADAMS: Lind, 20 Jul 1919, F. W. Carlson; BENTON: Prosser, 11 Sep 1954; CLARK: Vancouver, 25 May 1958, A. Kulin; KITTITAS: Ellensburg, no date; WHITMAN: Pullman, 16 Sep 1919, P. Putnam (UMMZ); Pullman, 27 Aug 1913; same, Apr 1917; same, 6 Jun 1918, A. L. Melander; same, Jun 1921, L. T. Qurik; same, Jun 1921, W. Johns; same, 19 May 1941, J. Beer; same, 1 Oct 1948, T. A. Thorndike; same, 9 Oct 1948, C. T. Higgins; same, 12 Oct; 1948, C. F. Martinsen; same, 1948, H. Vaughn; same, 30 Aug 1949, L. R. Mewaldt; same, 18 Jul 1956; same, no date (2); same, 25 Sep 1979, R. Dingle; Wawawai, 2 May 1904; same, no date, C. V. Piper (2); YAKIMA: Moxee, 22 Apr 1909; Toppenish, 18 Jul 1923, V. Argo; same, May 1931, I. W. Bales (7).

***Perillus exaptus* (Say)**

ADAMS: Sand Hills Park ca 15mi W of Washtucna, 13 Jun 1989, R. S. Zack.

***Podisus maculiventris* (Say)\***

CHELAN: 7mi SSW of Wenatchee, 9 May 1981, W. J. Turner; PIERCE: Puyallup, 20 May 1931, P. Eide; WHITMAN: Pullman, Aug 2005, K. N. Landolt (6).

***Podisus pallens* (Stål)\***

CHELAN: Wenatchee Heights, 26 Jun 1985.

***Podisus placidus* Uhler\***

COLUMBIA: Tucannon Fish Hatchery, ca 20mi E of Dayton, 12 May 1979, W. J. Turner.

***Podisus servieventris* Uhler\***

ASOTIN: Field's Spring State Park, 4mi S of Anatone, 19 May 1973, W. J. Turner; STEVENS: Deer Lake, SE of Chewelah, 16 July 1972, M. T. James; same, 1 Aug 1973; WHITMAN: Pullman, May 1907; same, May 1947.

***Zicrona caerulea* (Linnaeus)\***

STEVENS: Colville, 16 Aug 1907, H. Ramstadt (UMMZ).

**Subfamily Pentatominae**

***Halyomorpha halys* (Stål)\***

CLARK: Vancouver, 6 Oct 2010; SKAMANIA: Prindle, Riverview Road, 13 Dec 2010, K. Sheehan; YAKIMA: 1.5 mi SSE of Ahtanum Rd., 16.541°N 120.613°W, 1240 ft., 11 Aug 2012, D. Horton; same, 6 Aug 2012, P. J. Landolt, in BMSB trap.

***Brochymena affinis* Van Duzee**

ASOTIN: Field's Spring State Park, 4 mi S of Anatone, 7 Jun 1973, M. Jackson; CLARK: Jan 1968, J. T. Pennell (2); PIERCE: Parkland, 12 Feb 1952; Puyallup, 17 Sep 1940, W. W. Baker; SPOKANE: Spokane, 30 Mar 1966, R. Wiebers; same, 31 Mar 1968, J. Ulrich; same, 9 May 1968, M. Wiebers; same, 27 Jun 1968, R. Wiebers; same, 30 Aug 1968, N. Jorgensen; WHITMAN: Kamiak Butte, 24 Apr 1931, P. Eide (4); same, 26 Sep 1976, R. S. Zack; Pullman, 2 Oct 1929, P. Eide; same, 1 May 1931, R. Hansberry (4); same, Oct 1948, J. A. Hawkin; same, 31 Sep 1949, R. L. Horswill; same, 6 Apr 1977, J. Heath; Wawawai, 10 May 1959, L. Haverfield.

***Brochymena quadripustulata* (Fabricius)\***

ASOTIN: Asotin, May 1923; BENTON: Hanford Site, 20 Apr 1994, R. S. Zack (2); Kennewick, Sep, 1964; Prosser, 7 Jun 1940; same, 23 May 1955, K. E. Frick; CHELAN: 1mi S of Monitor, 1 Jun 1987, R. Rathman (3); 5mi S of Wenatchee, River County Park, 11 Sep 1986, R. Rathman (10); 7mi N of Wenatchee, 8 Sep 1986, R. Rathman (5); same, 4 Jun 1987, R. Rathman; WALLA WALLA: 4mi S of Burbank 14 May 1973, W. J. Turner; WHITMAN: Almota; same, C. V. Piper; same, 27 Mar 1971, W. J. Turner; same, 7 Apr 1977, R. S. Zack; same, 19 Feb 1983, A. Mudge (2); same, 11 Mar 1985, R. S. Zack (4); Pullman, May 1932, Heinrich; same, 30 Aug 1949, L. R. Mewaldt; Wawawai; same, R. W. Doane (2); same, C. V. Piper; same, 2 Feb 1897; same, 14 May 1910; YAKIMA: Buena, 20 Oct 2011, P. J. Landolt (6); Donald, 20 May 2011, P. J. Landolt; same, 21 Oct 2011 (3); North Yakima, 28 Jul 1903, E. Jenne; Parker, 21 Oct 2011, P. J. Landolt (2); Parker Heights, 16 Mar 2001, P. J. Landolt; Toppenish, Jun 1923, V. Argo; Jul 1923; same, 4 Apr 1968, S. E. Turner; Yakima, 27 Oct 1998, P. J. Landolt; same, 2 Oct 2000; same, 3 Apr 1903; USDA Lab Near Parker, 1 Oct 1999, P. J. Landolt.

***Brochymena sulcata* Van Duzee\***

Eastern Washington (unknown site); DOUGLAS: 14mi N of Wenatchee, 2 Jul 1987, R. Rathman; WHITMAN: Wawawai, 7 May 1932, I. Turner.

***Acrosternum hilare* (Say)\***

ASOTIN: ca 2-3mi N of Grand Ronde River, 17 Apr 1985, R. S. Zack; CHELAN: Wenatchee, 15 May 1972, E. W. Anthon (3); Wenatchee River Site, 2 Jun 1985; 7mi N of Wenatchee, 12 Aug 1986, R. Rathman; same, 8 Sep 1986 (5); same, 4 Jun 1987; same, 31 Jul 1987; 17 Sep 1987; same, 6 Oct 1987; GARFIELD: 29 Sep 1942, Keene; WHITMAN: Snake River ca 1.5mi S of Wawawai, 13 Sep 1985, R. S. Zack (3); YAKIMA: Ahtanum, 4 Nov 2007, P. J. Landolt; N. Yakima, 7 Jul 1903, E. Jenne; Parker, 21 Jul 2000, P. J. Landolt; same, 21 Oct 2011 (2); Toppenish, 2 Jun 2010, P. J. Landolt; USDA Lab near Parker, 11 Aug 1999, P. J. Landolt; same, 20 Oct 1999; USDA lab near Donald, 26 Jul 2006, P. J. Landolt; Yakima, 3 Apr 1903, P. J. Landolt; Zillah, 16 May 2006, P. J. Landolt.

***Aelia americana* Dallas\***

BENTON: Hanford Nuclear Site, 24 May 1995; Hanford Nuclear Site, 18-25 Apr 1998, pitfall traps, R. S. Zack and C. N. Looney; same, 1-8 May 1998 (3); same, 1-8 Jun 1998 (2); same, 8-16 June 1998; same, 18-25 May 2000.

***Banasa dimidiata* (Say)**

ASOTIN: 4mi S of Anatone, 11 Jun 1982, W. J. Turner; Fields' Spring State Park, 4mi S of Anatone, 6-7 Jun 1971, D. N. Ferro; COLUMBIA: Tucannon Ranger Station, 20 Aug 1922, V. Argo; Tucannon Fish Hatchery, ca 13mi SE of Pomeroy, 15 May 1985, R. S. Zack; PACIFIC: Ft. Canby State Park, 11-13 Jun 1971, W. J. Turner; PIERCE: Parkland, 26 Sep 1952, V. Newhouse; SKAGIT: Rockport State Park, 7mi E of Concrete, 16-17 Jun 1971, W. J. Turner; WHITMAN: Ewan, 13 Jun 1920, R. C. Shannon (2); Pullman, 5 May 1950, J. W. Harris; same, 23 Sep 1953, O. B. Heck; same, 29 Jul 1968, R. Dawson; 22 Apr 1969; same, 1 Aug 1969; same, 3 Aug 1969; same, 27 Apr 1980, W. J. Turner; Wawawai Canyon, 15mi SW of Pullman, 15 Mar 1983, A. Mudge; Yakawawa Canyon, 7mi NW of Colton, 21 May 1977, W. J. Turner; YAKIMA: 4mi SW of Tampico, 25 Apr 2009, P. J. Landolt; 6mi SW of Tampico, 22 Oct 2011, P. J. Landolt; USDA Lab near Donald, 26 Jul 2006, P. J. Landolt; near Toppenish, 10 Aug 2010, P. J. Landolt.

***Banasa euchlora* Stål\***

BENTON: Hanford Nuclear Site, 15 Sep 1994, R. S. Zack (3); YAKIMA: Parker, 24 Aug 2000, P. J. Landolt (2); USDA Lab near Donald, 20 Sep 2008, P. J. Landolt.

***Banasa sordida* (Uhler)**

PIERCE: Puyallup, 22 Sep 2003, A. Antonelli; YAKIMA: Parker, 18 Oct 2011, P. J. Landolt (7); same, 19 Oct 2011 (2); USDA Lab near Parker, 13 Oct 1999, P. J. Landolt; same, 20 Oct 1999.

***Banasa tumidifrons* Thomas and Yonke\***

WHITMAN: Almota, 26 Feb 1983, M. G. Means; Pullman, 6 Apr 1977, K. Raffa.

***Chlorochroa congrua* Uhler\***

MASON: Lake Cushman, 13 Jul 1919, F. M. Gaige (3) (UMMZ); PACIFIC: Wallapa Bay near Nahcotta, 12 Jun 1971, W. J. Turner; SPOKANE: Cheney, 29 Apr 1969, R. Heehn.

***Chlorochroa granulosa* (Uhler)**

ASOTIN: ca 2mi S of Anatone, 24 Apr 1989, R. S. Zack; 5.6mi S of Anatone, 24 Apr 1989, R. S. Zack; CHELAN: 7mi N of Wentachee, 8 Sep 1986, R. Rathman; DOUGLAS: 7mi S of Rock Island, 4 Sep 1986, R. Rathman; 14mi N of Wenatchee, 23 Jul 1986, R. Rathman; FERRY: 6.5mi N of Keller, 10 May 1989, R. S. Zack; LINCOLN: Davenport, 20 Jul 1987, J. Babcock (2); near Davenport, 28 Jul 2009, D. Roberts, same, 3 Aug 2009; same, 14 Jun 2010, R. Garcia; 10 Aug 2010; same, 30 Aug 2010; same, 13 Sep 2010 (2); same, 20 Sep 2010; 12mi W of Davenport, 28 Jul 1987, E. Myhre; 10.5mi S of Edwall, 9 May 1989, R. S. Zack; 3mi E of Reardan, 17 May 2010, R. Garcia; WALLA WALLA: 4mi W of Waitsburg, 16 Jul 1987, E. Myhre (2); 8mi W of Waitsburg, 16 Jul 1987, E. Myhre; WHITMAN: Steptoe Canyon 3.4mi SW of Colton, 8 May 1989, R. S. Zack; Pullman, 12 Aug 1987, R. S. Zack (2); YAKIMA: Mud Lake, 8 May 2001, C. Smithhisler; Ahtanum, 1 Oct 2011, P. J. Landolt (2); Parker, 21 Oct 2011, P. J. Landolt; near Toppenish, 1 Oct 2011, P. J. Landolt (2).

***Chlorochroa ligata* (Say)**

ASOTIN: ca 2-3mi N of Grande Ronde River, 17 Apr 1985, R. S. Zack; KING: near Seattle, 10 Nov 1972 (3); LINCOLN: ca 12.2mi N of Davenport, 9 May 1989, R. S. Zack; OKANOGAN: 5.3mi E of Elmer City, 10 May 1989, R. S. Zack; PACIFIC: ca 6mi NE of Ilwaco, 22 Jun 1989, R. S. Zack; STEVENS: ca 13mi S of Fruitland, 9 May 1989, R. S. Zack (2); Chewelah, 4 Sep 1971, M. T. James (2); same, 11 Sep 1971; Deer Lake near Chewelah, 7 Oct 1972, M. T. James; WHITMAN: Pullman, 16 Sep 1982, W. J. Turner; same, 1 Feb 1983, M. G. Means; Yakawawa Canyon, 7mi NW of Colton, 21 May 1977, W. J. Turner; YAKIMA: 13 Aug 1968, B. J. Landis; same, 1 Sep 1976, F. B. Dean; same, 11 Sep 1976; same, 12 Sep 1978; same, 13 Sep 1978; Ahtanum, 6 Sep 2011, P. J. Landolt; same, 13 Sep 2008; same, 1 Oct 1911 (5); same, 7 Oct 2011 (2); same, 12 Oct 2011 (4); Near Donald, 2 Jul 2010, P. J. Landolt; 4mi SW of Tampico, 17 Aug 2011, P. J. Landolt; Parker, 21 Oct 2011, P. J. Landolt (18); Taki farm near Parker, 29 September 2011.

***Chlorochroa opuntiae* Esselbaugh**

ASOTIN: Clarkston, 20 Aug 1947, C. O. Esselbaugh (2); Wilma, 16 Jul 1947, C. O. Esselbaugh; same, 20 Aug 1947. All four are paratypes.

***Chlorochroa sayi* Stål**

BENTON: Prosser, E. Klostermeyer (3); same, 28 Jul 1950; same, Aug 1941, J. D. Menziescho; Richland, 16 Jul 1967, P. J. Gage; same, 20 Jul 1968; Hanford Site, 13 Jul 1967, W. Cone; same, 21 Sep 1967; same, 19 Oct 1967; CHELAN: Wenatchee, 20 May 1970, J. Brunner; Wenatchee, Squilchuck Creek, 6 Mar 1970, J. Brunner; CLARK: Vancouver, 5 Jul 1970; FRANKLIN: 3mi N of Pasco, 29 May 1957, E. F. Dailey; Moses Lake, 19 Jun 1957, E. F. Dailey; same, 17 Jul 1957, E. Stevens; GRANT: Quincy, Jones Farm, 9 Aug 1956, C. Johansen; O'Sullivan

Dam, 15 Aug 1954, H. G. Davis; same, 28 Jul 1955; WHITMAN: Pullman, 6 Sep 1951, J. Ross; same, 7 Jul 1959, L. Haverfield; Smoot Hill, Pullman, 7 Aug 1970, H. S. Telford & N. Jorgensen; same, 11 Aug 1970; YAKIMA: Harrah, 24 Jul 1941, L. J. Lipovsky; Sunnyside, 28 Aug 1948, S. W. Harris; Toppenish, L. J. Lipovsky (2).

### *Chlorochroa uhleri* (Stål)

ADAMS: near Hatton, 15 Aug 2008, P. J. Landolt; Lind, 25 Aug 1919, F. W. Carlson; Ritzville, 9 Sep 1920, R. C. Shannon; BENTON: Hanford Site, 30 Mar 1994, R. S. Zack (10); same, 11 Apr 1994 (3); same, 20 Apr 1994(2); same, 16 May 1994; same, 1 Jun 1994; same, 21 Jun 1994 (2): 7 Jul 1994, same, 18 Jul 1994; same, 5 Aug 1994 (2); same, 14 Sep 1994; same, 11 Oct 1994 (6); same, 25 Oct 1994 (4); COLUMBIA: near Starbuck, 22 Jul 2009; GARFIELD: sand dunes 2mi SW of Almota, 6 Jul 1989, R. S. Zack; GRANT: near Mattawa, 27 Sep 2001, P. J. Landolt; ca 11mi W of Royal City, 3 May 1989, R. S. Zack; Stratford, 17 Mar 1916; O'Sullivan Dam, 2 Jun 1954, H. G. Davis; same, 25 Sep 1954; Othello, 20 Jul 1966, D. M. Powell (4); FRANKLIN: Pasco, 4 Apr 2002, P. J. Landolt (2); LEWIS: 3 Jul 1940; LINCOLN: Davenport, 5 Jul 1987, J. Babcock (3); same, 20 Jul 1987 (2); 10mi N of Davenport, Aug 1986, J. Babcock; 12mi W of Davenport, 28 Jul 1987, E. Myhre; near Wilbur, 1 Aug 2009; same, 3 Aug 2009; PIERCE: Mt. Rainier National Park, Sunrise Ridge, 16 Aug 1921, P. Eide; SPOKANE: near Medical Lake, 8 Jul 2009; WALLA WALLA: Walla Walla, 1 May 1932, C. E. Woodworth (2); near Clyde, 5 Aug 2009; near Berryman, 9 Jul 2009 (2); 5mi S of Waitsburg, 10 Jul 1985, J. Babcock; same, 20 Jul 1986 (2); same, 27 Jul 1986 (2); same, 28 Jul 1987; WHITMAN: Almota, 29 Jul 1985, R. S. Zack (2); Pullman, 30 Jul 1894; same, 11 May 1946, C. Johansen; same, 26 Aug 1955; same, 1 Sep 1965, R. Dawson; Pullman, 13 Aug 1984; same, 12 Aug 1987, R. S. Zack; Palouse, 14 May 1963, R. Dawson; same, 1 Sep 1965; ca 15mi E of Washtucna, 3 May 1989, R. S. Zack (3); YAKIMA: Ahtanum, 28 Jun 2007, P. J. Landolt; near Ahtanum, 3 Jul 2003, P. J. Landolt; N. Yakima, 4 Aug 1903; E. Jenne; Toppenish, 28 Mar 1968, J. E. Turner; same, 8 Jul 2009, P. J. Landolt; near Toppenish, 27 Jul 2010, P. J. Landolt; ; same, 7 Aug 2010; same, 10 Aug 2010; same, 17 Aug 2010; same, 11 Aug 2011; Yakima, 17 Jul 1928, R. L. Webster; Yakima, 25 Oct 1974 (4); 5mi W of Toppenish, 15 Jun 2000, P. J. Landolt; Parker, 2 Aug 2000, P. J. Landolt; same, 24 Aug 2000 (2); same, 28 Sep 2000, same, 8 Jul 2009, same, 18 Oct 2011 (2); near Parker, 16 Aug 2001, P. J. Landolt; same, 3 Sep 2001; same, 11 Jul 2002 (2); same, 18 Jul 2002 (2); near Wapato, 17 Aug 2010, P. J. Landolt; Zillah, 29 Aug 2010, P. J. Landolt; near Zillah, 8 Jul 2009, P. J. Landolt; 15mi E of Moxee, 27 Jun 2003, P. J. Landolt; USDA Lab near Donald, 10 Aug 2004, P. J. Landolt; same, 13 Jul 2007.

### *Codophila remota* (Horvath)

ADAMS: Lind, 17 Aug 1919, F. W. Carlson; 2mi N of Othello, 30 Jul 1957, E. F. Dailey (2); Washington State University Experimental Station, 18 May 2010, P. J. Landolt; BENTON: Hanford Site, 4 May 1994, R. S. Zack; same, 1 Jun 1994; same, 10 Jun 1994 (2); same, 8 Jul 1994 (2); same, 15 Jul 1994; same, 15 Sep 1994; GARFIELD: sand dunes, 2mi SW of Almota, 6 Jul 1989, R. S. Zack; LINCOLN: Davenport, 5 Jul 1989, J. Babcock; Fishttrap, 9 Aug 2011, P. J. Landolt; same, 19 Aug 2011 (2); WHITMAN: Pullman, C. V. Piper; Pullman, 8 Oct 1916; same, Oct 1931, L. Turner; Pullman, 13 Aug 1984; Farmington, 22 May 1986, E. Myhre; YAKIMA: Halvorson Farms near Toppenish, 19 May 2011, P. J. Landolt; Parker, 19 Oct 2011, P. J. Landolt; 8mi E of Moxee, 2 Jun 1957, E. F. Dailey.

### *Coenus delius* (Say)\*

GRANT: 5mi SE of Ephrata, R. S. Zack (3); SPOKANE: Medical Lake, 14 Jul 1920, R. C. Shannon; WHITMAN: Pullman, 29 May 1927; same, 5 Jun 1985, R. S. Zack (2).

***Cosmopepla bimaculata* (Thomas)**

GRAYS HARBOR: Montessano, 13 Jun 1928, W. W. Baker; KING: Renton, Cedar River, 17 May 1952, Leuther (3); Seattle, 3 May 1939, E. E. C.; MASON: Hoodspout, 4 Aug 1969; PIERCE: Puyallup, W. H. Lawrence (3); Puyallup, 15 Sep 1927, W. W. Baker; same, 14 Oct 1927; same, 18 May 1928, same, 29 Sep 1928; same, 18 Sep 1929; Sumner, Aug 1959, E. P. Breakey; SKAGIT: 7mi E of Concrete, 16/17 Jun 1971, W. J. Turner (4); STEVENS: 31 Aug 1972 (3); WHATCOM: Bellingham, 17 Jun 1944, R. D. Shenefelt (2).

***Cosmopepla conspicillaris* (Dallas)**

WHITMAN: Kamiak Butte.

***Cosmopepla intergressus* (Uhler)**

CHELAN: Manson, Kinsey Ave, 0.5mi N of junction with Upper Joe Creek rd., 16 Jun 1996, collected on wild currant (50); SPOKANE: Spokane, 10 Jun 1963, N. Jorgensen; WHITMAN: Almota, 16 Apr 1983, W. J. Turner; Lyle Grove Biological area, 18 Jun 1976, W. J. Turner; 3mi W of Clarkston, 27 Apr 1985, R. S. Zack; Pullman; Pullman, 1 Jun; same, 27 May 1897; same, 23 May 1900 (4); same, 1 Jul 1901 (2); same, 10 Jul 1901; same, 28 Mar 1916; same 11 May 1932, A. Crews (4); Wawawai, 20 May 1904 (2); same, 5/21; YAKIMA: Yakima Expedition, North Yakima, 10 Jul 1903.

***Cosmopepla uhleri* Montandon\***

ASOTIN: Fields' Spring State Park, 4mi S of Anatone, 19 May 1973, D. P. Corredor; same, 19 May 1973, W. J. Turner; BENTON: Prosser, 18 May 1956, K. E. Frick; PIERCE: Electron, 25 May 1936, W. W. Baker; SPOKANE: Spokane, 9 May 1952, D. Brannon (2); WHITMAN: Pullman, 7 Jun 1948, R. R. Sanders; same, 10 Jun 1948; Wawawai, 16 May 1948.

***Dendrocoris pini* Montandon\***

SPOKANE: Dartford, 1-2 Sep 1969, R. D. Gray.

***Euschistus conspersus* Uhler**

ASOTIN: Fields' Spring State Park, 4mi S of Anatone, 6-7 Jun 1971, J. A. Novak (2); CHELAN: Ardenvoir, Indian Creek, 6 Apr 1970, J. Brunner; Ardenvoir, 4mi N of Mad River, 7 Jul 1973, J. Logan; Wenatchee River Site, 2 Jun 1985; Wenatchee, 15 May 1972, E. W. Anthon (4); Wenatchee, 7 June 1984; 7mi N of Wenatchee, 17 Jun 1986, R. J. Rathman; same, 12 Aug 1986 (3); same, 8 Sep 1986 (2); same, 4 Jun 1987; (5); same, 1 Jul 1987; 8mi N of Wenatchee, 18 Jun 1986, R. J. Rathman (2); same, 11 Sep 1986; 1mi S of Monitor, 18 Jun 1986, R. J. Rathman; same, 17 Jul 1986; same, 11 Aug 1987; Peshastin, Darby Canyon, G. Ching-Paulson; Columbia River Orchards, 8 Jun 1984; CLARK: Vancouver, 20 Jun 1931, P. Eide; same, 13 Oct 1935, D. Brannon; same, 17 Oct 1953, G. R. Cummings; COLUMBIA: 20mi E of Dayton, Tucannon Fish Hatchery, 15 May 1979, W. J. Turner; FERRY: ca 6.5mi N of Keller, 10 May 1989, R. S. Zack (2); ISLAND: Coupeville, 27 May 1898; KING: Seattle, 20 Apr 1939, E. E. C.; Renton, Cedar River, 17 May 1952, C. S. Leuthy; KITTITAS: Ellensburg; MASON: Harstine Island, 18 June 1948, G. S. Batchelor (3); PIERCE: Parkland, 20 Apr 1952, V. Newhouse, same, 6 May 1952; Fort Lewis, 4 Aug 1963, L. G. Bock; Puyallup, 10 May 1928, W. W. Baker; same, 22 Sep 2003, A. Antonelli (2); Spanaway, 14 May 1952, V. Newhouse (8); Tacoma, 12 Sep 1912; same, 9 Aug 1952, V. Newhouse; SKAGIT: 7mi E of Concrete, 16-17 Jun 1971, W. J. Turner (2); Summit Park, 11 Jun 1939, E. E. C. (2); SPOKANE: Cheney, 15 Apr 1968, R. Heehn; Dishman, 20 May 1933, R. D. Shenefelt; Spokane, 1 Jul 1968, M. Wiebers; WALLA WALLA: Walla Walla, 14 Apr 1932, C. W. Woodworth (2); same, 19 Apr 1932 (2); same, 15 May 1932; WHITMAN: Albion, 21 Feb 1973, N. Woodley (2); same, 21 Nov 1973; Almota Canyon, 16mi WSW of Pullman, 13 Jul 1989, R. S. Zack (2); Colton, 9 Jun 1948, C. C. Shelton; same, 27 Jun



1948; same 24 Jul 1948, no collector; Kamiak Butte, 14 May 1953, E. Burts; Pullman; Pullman, C. V. Piper; Pullman, Jun (2); Pullman, 9 Jul 1901; same, 1 Jun 1903; same, 2 Jun 1906; same, 2 Apr 1907; same, 25 May 1907; same, 28 May 1907; same, 29 May 1907; same, 31 May 1907; same, 2 Jun 1907; same, 3 Jun 1907; same, 17 Jun 1907; same, 5 Jun 1908; same, 15 Mar 1911; same, 19 May 1912; same, 7 May 1915; same, Jun 1921, J. A. Lowry; same, 6 May 1923, V. Argo; same, 15 May 1931, N. H. Krauss (2); same, 25 May 1931; same, 24 Apr 1932, L. Turner; same, 30 May 1940, G. Wolf; same, 22 May 1941, J. Beer; same, 25 May 1941 (2); same, 10 May 1946, G. Rogers; same, 21 May 1946, M. Hanson; same, 23 May 1948, M. T. James; same, 27 Sep 1948, N. Nullet; same, 27 Sep 1948, S. W. Harris; same, 27 Sep 1948, L. Nullet; same, 28 Sep 1948, D. N. Woodside; same, 30 Sep 1948, D. N. Woodside (2); same, 19 Aug 1949, L. R. Mewaldt; same, 17 Sep 1949, R. Dawson; same, 14 Oct 1949, G. S. Batchelor (2); same, 4 Nov 1949; same, 23 Jul 1953, A. S. Kamal; same, 6 Oct 1953, G. Trainer; same, 18 Aug 1965, R. D. Akre (2), same, 19 Aug 1965; same, 28 Aug 1965; same, 26 Aug 1965, C. Johansen (2); same, 9 Aug 1967, R. Dawson; same, 4 Sep 1968; same, 3 May 1971, J. F. McDonald; same, Aug 2005, K. Landolt; Pullman, Smoot Hill, 16 Aug 1970, H. Telford and J. Novak; same, 30 Aug 1970; Steptoe Canyon, 3.4mi SW of Colton, 8 May 1989, R. S. Zack (2); 2.5mi NE of Uniontown, 8 May 1989, R. S. Zack; Wawawai; YAKIMA: Ahtanum, 17 May 1908, P. J. Landolt, same, 1 Oct 2011, same, 12 Oct 2011 (2); near Ahtanum, 13 Jul 2007, P. J. Landolt; 2mi SW of Ahtanum, 5 Jun 2008, P. J. Landolt; Donald, 21 Oct 2011, P. J. Landolt; Parker, 29 May 2000, P. J. Landolt; same, 18 Sep 2000; same, 27 Apr 2001; same, 15 Oct 2009; near Parker, 25 May 2005, P. J. Landolt (2); Parker Heights, 4 Aug 2001, P. J. Landolt; Taki farm near Parker, 28 Jul 2006; Taki farm near Parker, 2mi N of Donald, 5 Jun 2008; same, 14 Aug 2008; USDA lab near Donald, 20 Sep 2008, P. J. Landolt; USDA lab near Parker, 6 Aug 1999, P. J. Landolt; Yakima; Yakima, 10-2-1961 (? Month/day), B. J. Landis; N Yakima, 10 Aug 1903, E. Jenne; ca 20mi NE of Yakima, 20 Jun 1989, R. S. Zack.

### ***Euschistus servus* (Say)\***

MASON: Lake Cushman, (UMMZ); Harstine Island, 13 Jun 1948, G. S. Batchelor; Hoodport, 27 Aug 1966, M. T. James; PIERCE: Du Pont, 12 Jul 1947, V. Newhouse; Puyallup, 3 May 1932, J. Wilcox; SKAGIT: 7mi E of Concrete, 16-17 Jun 1971, W. J. Turner; SNOHOMISH: Everett, 25 March 1965, L. Curry; WHITMAN: Pullman, 17 Jun 1951, L. R. Cambell; WAHKIAKUM: Cathlamet, 13 Oct 1949, H. Wyrich (2).

### ***Euschistus tristigmus* (Say)\***

CLARK: Vancouver, 14 Oct 1945, D. Brannon (4).

### ***Euschistus variolarius* (Palisot)\***

ASOTIN: 14mi SW of Asotin, 20 Apr 1986, R. S. Zack; CHELAN: 5mi SSW of Wenatchee, 14 May 1983, W. J. Turner; CLARK: Vancouver, 13 Oct 1945, D. Brannon; LEWIS: 10mi W of Chehalis, 15 Jul 1961, C. Johansen; LINCOLN: near Davenport, 13 Sep 2010, R. Garcia; MASON: Harstine Island, 18 Jun 1948, G. S. Batchelor; STEVENS: 31 Aug 1972; WHITMAN: Almota Canyon, 16mi WSW of Pullman, 13 Jul 1989, J. back; Colton, 24 Jul 1948, C. C. Shelton; Kramer Strip near Colton, 25 June 1983, W. J. Turner (2); Steptoe Canyon, 3.4mi SW of Colton, 8 May 1989, R. S. Zack (2); Palouse, 2 Aug 1955, C. Johansen; Pullman, Apr; same, May; same, 20 May 1901; same, 8 May 1904; same, 10 May 1907, same, 12 May 1907 (3); same, 19 May 1907; same, 1 Jun 1907; same, 7 Jun 1907; same, 6 Jun 1918, A. L. Melander (3); Pullman, 29 May 1927; same, 7 May 1930; same, 17 Mar 1950, S. D. Beck; same, 23 Sep 1948, J. C. Stout; same, 30 Aug 1953, B. Okigbo; same, 25 Aug 1955, C. Johansen; same, 7 Jul 1959, L. Haverfield; same, 6 Aug 1985, J. Babcock; Pullman, Smoot Hill, 18 Jul 1970, H. Telford and J. Novak; same, 21 Aug 1970; Union Flat, 16 Jun 1916; YAKIMA: N. Yakima, 10 Jul 1903.

***Holcostethus abbreviatus* Uhler**

CHELAN: Wenatchee Heights, 2 Aug 1985; GRANT: O' Sullivan Dam, 25 Sep 1954, H. G. Davis; KLICKITAT: Bickleton, 26 Jun 1917, A. L. Melander; WHITMAN: Colton, 6 Jul 1948, C. C. Shelton (2); Pullman, no date; Pullman, 10 Jun 1948; same, 4 Jul 1894; same, 4 Jun 1907; same, 26 May 1902.

***Holcostethus limbolaris* (Stål)\***

ADAMS: Ritzville, 12 Jun 1920, R. C. Shannon; Rt 26, 0.3mi E of Hopper Jct. road, 25 Sep 1989, R. S. Zack; BENTON: Rosa Unit Irrigation Exp. Station, 5 Aug 1960, E. C. Klostermeyer; Hanford, Rattlesnake Ridge, 31 Aug 1967, W. Cone; same, 19 Oct 1967; Hanford, ALE, 30 Mar 1994, R. S. Zack; Hanford, Rattlesnake Spring, 16 May 1994, R. S. Zack; CHELAN: Wenatchee, 15 May 1972, Anton (2); 1 mi S of Monitor, 14 Aug 1986, R. Rathman; same, 11 Sep 1986, R. Rathman, same, 17 Jul 1986, R. Rathman; 7 mi N of Wenatchee, 1 Jul 1987, R. Rathman; same, 12 Aug 1986; COLUMBIA: Tucannon Ranger Station, Blue Mts., 17 Aug 1922; GRANT: Gloyd Seeps, WL area, 6 mi N of Moses, 25 Sep 1989, R. S. Zack (2); LINCOLN: near Davenport, 3 Aug 2010, R. Garcia; WALLA WALLA: 5 mi S of Waitsburg, 15 Jul 1988, J. Babcock; WHITMAN: Wawawai, Jul 1900; Wawawai, 10 Oct 1949, F. E. Newby; Steptoe Cyn 9 mi W Colton, 18 Mar 1973, S. D. Berkenkamp; Steptoe Cyn 10 mi SW Colton, 22 Apr, 1982, W. S. Turner; same, 6 Apr 1985, R. S. Zack; Colton, 24 Jul 1948, C. C. Shelton; Snake River, 3 mi W of Clarkston, 27 Apr 1985, R. S. Zack; Pullman, 7 Jun 1975, P. J. Landolt; same, 11 May 1947, G. Hildreth; same, 17 Sep 1948, P. R. Ruck; same, 26 Sep 1948, R. Crossley; same, 3 May 1946, C. Johansen; same, 27 Sep 1948; same, 29 Sep 1947, F. H. Harbert; same, 23 Sep 1948, J. C. Stout; same, Oct 1912, C. Trainer; same, 24 Apr 1932, L. Turner; same, 1 May 1931, R. Hansberry; same, 13 May 1931, A. E. Bonn; same, 24 Apr 1931; same, 10 May 1931; same, 14 May 1931, P. Eide; same, 7 Jun 1978, P. J. Landolt; Spillman, Pullman, 27 Jul 1987, E. Myhre; Smoot Hill, Pullman, 27 Aug 1970, Telford & Novak; YAKIMA: Parker, 12 Jul 2000, P. J. Landolt; same, 18 Oct 2011; near Toppenish, 17 Aug 2010, P. J. Landolt; Ahtanum, 20 Sep 2010, P. J. Landolt.

***Holcostethus tristis* (Van Duzee)**

WHITMAN: Albion, 21 Feb 1973, N. E. Woodley (2); Colton, 6 Jul 1948, C. C. Shelton; Pullman, 21 Jan 2004, R. Crossley; same, 3 May 1904; same, 25 May 1947, L. Langdon; same, 20 Mar 1931, R. E. Bonn; Pullman, 9 Jun 1907; same, Jun 1901; same, 18 May 1904.

***Neottiglossa sulcifrons* Stål\***

WHITMAN: Pullman, 4 Sep 1948, J. G. Jacobs; Pullman, 25 May 1941, J. Beer.

***Neottiglossa tumidifrons* Downes**

BENTON: Hanford, ALE, 4 May 1994, R. S. Zack; Hanford, Rattlesnake Spring, 6 May 1995, R. S. Zack; Hanford Rattlesnake Ridge, 8 Jul 1994, R. S. Zack; same, 8 Jul 1994; Hanford, radio telescope, 9 Jun 1994, R. S. Zack; Hanford, Snively Ranch, 7 Jul 1994, R. S. Zack; same, 4 May 1994 (2); WHITMAN: 4.9 mi SE of Colfax, 25 May 1989, R. S. Zack (2); Colton, 15 Jul 1960, W. Cone; Pullman, 21 May 1958; same, 9 May 1907; same, 15 May 1904; same, no date, W. H. Lawrence; Almota, 23 Apr 1983, A. Mudge; Wawawai, 12 May 1933, R. D. Shenefelt.

***Neottiglossa undata* (Say)\***

COLUMBIA: 15 mi E of Dayton, Tucannon River Valley, 12 May 1973, R. A. Back; MASON: Lake Cushman, 3 Jul 1919, F. M. Gaige (UMMZ); PACIFIC: Ft. Canby SP near Ilwaco, 13-15 Jun 1973, M. Jackson; Wallapa Bay near Nahcotta, 12 Jun 1971, W. J. Turner (3); PIERCE: Parkland, 21 Apr 1952, V. Newhouse

(3); Ft. Lewis, 4 Aug 1963, L. G. Bock; WHITMAN: Almota, 26 Apr 1931, A. L. Grant; Pullman, 22 May 1941, J. Beer; same, 5 Jun 1985, R. S. Zack; same, May 1947, same, 25 May 1902; same, 30 May 1904; same 9 May 1907, (2); same, 21 Apr 1907; same, 21 May 1907; same, 21 May 1907; same, 17 May 1916; same, 7 May 1908; same, 4 May 1929; south of Pullman, 18 Jun 1950, R. B. Spurrier.

***Prionosoma podopioides* (Uhler)\***

CHELAN: Wenatchee, Apr 1912; Chelan, 27 Apr 1912, M. A. Yothers; DOUGLAS: Moses Coulee, 6 May 1933; GARFIELD: Snake River, sand dunes, ca 2 mi SW of Almota, 6 Jul 1989, R. S. Zack (2); GRANT: Grand Coulee, Steamboat Rock, 10 Jun 1902; KITTITAS: Vantage, 10 May 1936, W. W. Baker.

***Tepa yerma* (Rolston)\***

ADAMS: Othello, 15 Aug 1949, E. Klostermeyer (MSUC); CHELAN: Wenatchee, 9 Sep 1940, (2).

***Thyanta pallidovirens* (Stål)**

ASOTIN: 2-3 mi N of Grand Ronde River, 14 Apr 1985, R. S. Zack; 2 mi S of Asotin, 24 Apr 1989, R. S. Zack; Anatone, 2 Oct 1949, L. R. Mewaldt; 4 mi S of Anatone, 30 Apr 1977, K. Raffa; 7.2 mi S of Anatone, 24 Apr 1989, R. S. Zack; 10 mi S of Anatone, 24 Apr 1989, R. S. Zack; BENTON: Richland, 12 Jun 1969, P. J. Gage; same, 12 Jul 1969; Prosser, Rosa Unit, IAREC, 26 Aug 1958; Hanford, ALE, 30 Mar 1994, R. S. Zack; same, 11 Apr 1994 (6); same, 20 Apr 1994 (4); same, 16 May 1994; same, 25 Oct 1994 (2); Hanford, Benson Spring, 30 Mar 1994, R. S. Zack; Hanford, radio telescope, 9 Jun 1994, R. S. Zack (16); same, 18 Jul 1994; Hanford, Rattlesnake Ridge, 8 Jul 1994, R. S. Zack (5); same, 18 Jul 1994 (3); same, 12 Aug 1994 (6); same, 15 Sep 1994; Hanford, Rattlesnake Spring, 3 May 1994, R. S. Zack; same, 21 Jun 1994 (2); same, 11 Oct 1994; Hanford, Lower Snively Spring, 1 Jun 1994, R. S. Zack (3); Hanford, Snively Ranch, 4 May 1994, R. S. Zack (2); Hanford Snively Spring, 4 May 1994, R. S. Zack; CHELAN: Wenatchee Heights, 2 Aug 1985, R. Rathman (2); Wenatchee, Jun 1940; same, 24 Jun 1940 (2); same, 28 Jun 1940; 7 mi N of Wenatchee, 1 Jul 1987, R. Rathman (6); same, 14 Jul 1986 (2); same, 12 Aug 1986; same, 8 Sep 1986 (4); 1 mi S of Monitor, 14 Aug 1986, R. Rathman; same, 11 Sep 1986; same, 28 Jul 1987; same, 16 Sep 1987; Cashmere, 30 Apr 1939, E. C. C. (2); CLARK: Vancouver, 13 Aug 1970; FERRY: 7.7 mi S of Keller, 10 May 1989, R. S. Zack (5); GARFIELD: 2 mi SW of Almota, 6 Jul 1989, R. S. Zack (8); 14 mi E of Pomeroy, 22 Apr 1988, R. S. Zack (2); 11 mi SSW of Pomeroy, 26 Apr 1988, R. S. Zack;

GRANT: Gloyd Seeps WL area, 6 mi N of Moses Lake, 25 Sep 1989, R. S. Zack (3); Mattawa, 17 Sept 2001, Adams and Green; same, 27 Sep 2001, P. J. Landolt; near Mattawa, 17 Sep 2001, P. J. Landolt; KING: Seattle, 17 Jun 1930; KITTITAS: 5 mi S of Ellensburg, 13 Jun 1989, R. S. Zack; 6 mi W of Vantage, 3 May 1989, R. S. Zack (5); KLUCKITAT: 8.5 mi ENE of Wishram, 15 Apr 1988, R. S. Zack; LINCOLN: 10.5 mi S of Edwall, 9 May 1989, R. S. Zack (2); 12.2 mi N of Davenport, 9 May 1989, R. S. Zack (2); OKANOGAN: Malott, Jul 1938, E. C. C.; 2.1 mi E of Elmer City, 10 May 1989, R. S. Zack (3); 1.5 mi N of Elmer City, 10 May 1989, R. S. Zack; 5.3 mi E of Elmer City, 10 May 1989, R. S. Zack (4); 8.4 mi E of Elmer City, 10 May 1989, R. S. Zack;

SPOKANE: Spokane, 27 Jul 1968, M. Wiebers; STEVENS: 13 mi S of Fruitland, 9 May 1989, R. S. Zack; WALLA WALLA: 5 mi S of Waitsburg, 15 Jul 1988, J. Babcock (3); WHITMAN: 15 mi E of Washtucna, 3 May 1989, R. S. Zack; 13.5 mi N of Wilbur, 10 May 1989, R. S. Zack (2); Steptoe Cyn, 3.4 mi SW of Colton, 8 May 1989, R. S. Zack; Steptoe Cyn 10 mi SW of Colton, 29 Jul 1976, W. J. Turner; same, 16 Sep 1982 (4); Almota, 10 Sep 1975, W. S. Turner; same, 19 Feb 1983, A. Mudge (3); same, 13 Apr 1985, W. S. Turner; Pullman, 12 Aug 1984; same, 13 Aug 1984, (2); same, 8-9 Aug 1953, B. Okigbo; same, 8 Oct 1949, G. S. Batchelor; same, 11 Nov 1949 (2); same, Nov 1949, G. S. Batchelor; same, 9 Aug

1967, B. A. Freeman; same, 13 Oct 1947, D. D. Earp; Kamiak Butte, Pullman, 14 May 1953, E. C. Trivette; Lyle Grove Biological area, 8 mi SW of Pullman, 13 Aug 1983, R. S. Zack; Wawawai, 10 Oct 1949, F. E. Newby, same, 13 Oct 1948, H. L. Latimer (2); same, 13 Oct 1947, C. C. Rosecrans; same, 3 Oct 1948, J. C. Stout (3); same, 2 Oct 1953, O. B. Heck (3); YAKIMA: 28 mi S of Toppenish, 25 Apr 1989, R. S. Zack (2); Yakima, 30 Aug 1930, A. R. Rolfs; same, 25 Oct 1974, (2); same, 14 Jul 2008, P. J. Landolt; 6 mi SW Tappico, 22 Oct 2011, P. J. Landolt; USDA lab near Parker, 7 Jul 1999, P. J. Landolt; same, 1 Jul 1999, same, 4 Aug 1999 (2); Parker, 21 Jul 2000, P. J. Landolt (2); same, 18 Sep 2000; same, 21 Oct 2011 (4); same, 19 Oct 2011 (5); same, 18 Oct 2011 (3); near Parker, 16 Aug 2001, P. J. Landolt; Parker Heights, 21 Aug 1999, P. J. Landolt; 15 mi E of Moxee, 19 Jul 2000, P. J. Landolt; same, 25 Jun 2003 (2); same, 27 Jun 2003 (2); Terrace Heights, 21 Jul 2011, P. J. Landolt; near Donald – USDA lab, 26 Jul 2006, P. J. Landolt (5); same, 5 Aug 2009; same, 10 Aug 2004; near Donald, 27 Aug 2007, P. J. Landolt; near Toppenish, 27 Jul 2010, P. J. Landolt; same, 10 Aug 2010; Buena, 20 Oct 2011, P. J. Landolt.

***Trichopepla aurora* Van Duzee**

WHITMAN: Pullman, 6 Jun 1918, A. L. Melander.

***Trichopepla dubia* (Dallas)**

COLUMBIA: Tucannon Ranger Station, Blue Mts, 20 Aug 1922, N. Argo; PIERCE: Mt. Rainer, Paradise Park, Aug 1917, A. L. Melander (2); WHITMAN: Pullman, 10 Jun 1907.

***Trichopepla grossa* (Van Duzee)\***

BENTON: Hanford, radio telescope, 9 Jun 1994, R. S. Zack; WHITMAN: Pullman, 25 May 1902; same, 27 Aug, 1913; same, 7 May 1930; same, 15 May 1931, R. Hansberry; same, 24 Apr 1932, L. Turner (2).

**Subfamily Podopinae**

***Amaurochrous vanduzeei* Barber and Sailer\***

BENTON: Hanford Nuclear Site; West Lake, N46°36.066' W119°32.788', 4-18 Apr 1998, C. Looney, pitfall traps (3); same, 23 May – 1 Jun 1998 (10); same, 1-8 Jun 1998 (3); same, 8-16 Jun 1998 (3); same, 9-24 Oct; same, 25 Nov – 17 Dec 1998; same, 5-12 Mar 1999 (3), same, 19-26 Mar 1999 (4); same, 26 Mar – 2 Apr 1999 (3); same, 2-9 Apr 1999 (2); same, 16-24 Apr 1999 (3); same, 24-30 Apr 1999; same, 18-25 Jun 1999; CHELAN: 1 mi S of Monitor, 17 Jul 1986; GARFIELD: sand dunes, 4 mi NW of Lower Granite Dam, 25 Sep 1985, R. S. Zack (4); GRANT: Soda Lake near O'Sullivan Dam, 2 May 1982, W. J. Turner (2); Lake Lenore, 8 Jul 1993, R. S. Zack; YAKIMA: 8 mi SW of Tieton, 11-12 Jun 1973, M. Jackson.

**Discussion**

We increase the number of species of Pentatomidae recorded from Washington State from 23 (Froeschner 1988) to 51. Washington is an extremely diverse state in terms of environment from coastal rain forest on the Olympic Peninsula to dry desert in central Washington to alpine and extensive forests. While the state has been subject to extensive urbanization and agriculture, large tracts of native and undisturbed habitat remain. Our collection records represent material collected primarily in eastern Washington (east of the Cascade Mountains) as Washington State University is located at the extreme eastern edge of the state where most collecting by university and collection personnel has taken place. Specific collecting for stink bugs in other areas of Washington will probably show that many species are more widely distributed than our records indicate and that other species occur in the state.

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