

very glossy. The second joint of the maxillary palpi is very long, the relation of first to second being as 2 to 19.

*E. perplexus*, var. *Hudsonicus*, Cress., 1863.

Prof. Cockerell records this variety from Cusack Rch, Custer Co., Colo., August 3. The type locality is "Hudson Bay Terr.," not "Hudson" as given by Dalla Torr .

*B. Nevadensis*, Cress., 1874.

*B. improbus*, Cress., 1878, ♂.

♀ ♀ June, July 12, 24, August 6, 18, at Ft. Collins; ♀ ♂ July 31, August 1, Beaver Creek; July 3, Little Beaver Creek; May 23, Boulder; May 26, Bellvue; August 5, Antonito (Ball); ♀ July 24, Virginia Dale; ♂ July 8, Livermore.

There is now little question that *B. improbus* is the male of this species. The type of the male was taken in "Colorado" by Morrison; of the female the types were from Nevada, Arizona and New Mexico.

*B. fervidus*, Fabr., 1798.

"*Apathus elatus*" ♂, in part.

♀ May 12, 30, June 7, 8, 11, 16, 19; ♀ May 14, 20, 25, June 15, July 20, 31, August 8, 19, 20; ♂ September 3, 16, all at Ft. Collins. ♀ ♀ August 14, July 8; ♀ July 15, at Livermore; ♀ August 5, Antonito; July 13, Trinidad; August 17, Montrose (Gillette); July, Ft. Lupton (R. Haynes). 2 ♂ September 4, Boulder. A very common species.

*B. borealis*, Kby., 1837.

This species was recorded by Prof. Cockerell from Old Beddoe's Rch, Custer Co., August 9, on *Rudbeckia laciniata*. I have not been able to satisfactorily separate this species from any material I have seen.

*B. appositus*, Cress., 1878.

♀ August, Ft. Collins (C. Stannard); August 5, Cameron Pass; August 9, Gunnison; August 23, Leadville; September 23, Vir. Dale; June 15, Bellvue; July 15, Livermore. ♀ ♀ August 30, Store Prairie (7,000 ft.). ♂ Palmer Lake, August 12, 1896 (Gillette). This species can readily be recognized by the white pubescence of the anterior part of the thorax; visible even in specimens on the wing. It has been taken on *Thermopsis montanum* and *Rudbeckia*, sp.

*B. dubius*, Cress., 1863.

This is recorded by Prof. Cockerell from Custer Co.; a female in the collection at Ft. Collins, doubtfully labelled *B. Edwardsii*, may belong here. I took the specimen at Westlake (8,000 ft.), July 7, 1900.