

- flower (*Brauneria angustifolia*). Minot, Mott and Marmarth, July 4-25. A large series was taken at Blue Rapids, Kans., also on purple coneflower. The species was first described from Montana in 1914.
53. *Andrena grindeliae* Vier. Similar to *canadensis*. Pleasant Lake, Aug. 11 on goldenrod (*S. canadensis*). One specimen, labeled "paratype."
 54. *Andrena haynesi* Vier. & Ckll. Length 15 mm.; similar to *helianthi*; abdomen dull but not punctured. Four females from the sand hills near Sheldon, Aug. 28 and 30 on sunflower (*H. petiolaris*). First described from Nebraska in 1914.
 55. *Andrena asteris* Rob. Much like *helianthi*, hairs nearly gray, abdominal bands narrow but distinct. Three females, Medora, Aug. 30, on goldenrod (*S. rigida*) and one, Sheldon, Aug. 28. Both sexes were found on sunflower and purple coneflower in Slope County, July 4, 1949. One has 4 sub-marginal cells in one wing by a nervure vertical from the angle of the last one.
 56. *Andrena colletina* Ckll. A pair from Schafer, Sept. 6 on goldenrod (*S. canadensis*). Much like *hirticincta* but the female is 15 mm. long.
 57. *Andrena pertarda* Ckll. Much like *hirticincta*. One from Schafer, Sept. 6 on broomweed (*Gutierrezia sarothrae*) and one from Mandan, Sept. 6 by P. W. Fattig.
 58. *Andrena chromotrichia* Ckll. One from Fargo, Sept. 15; retained in Mr. Viereck's collection.

References

1. Cockerell, T. D. A. Rocky Mountain bees. II. The genus *Andrena*. Am. Mus. Novitates 458:1-20. 1931.
2. Friese, H. Die Insekten Mitteleuropas, insbesondere Deutschlands. Band 1. Die Bienen, Wespen, Grab- und Goldwespen. Stuttgart, 1926.
3. Graenicher, S. The relations of the Andrenine bees to the entomophilous flora of Milwaukee County. Trans. Wis. Acad. Sc., Arts, and Letters. 15:89-97. 1905.
4. Lanham, Urless N. Bees of the genus *Andrena* of Boulder, Colorado. Ann. Ent. Soc. Am. 34:702-718. 1941.

NEW SEED FARM OBTAINED

"Another milestone in the agricultural progress of North Dakota," says NDAC experiment station Director H. L. Walster, in referring to the gift of a 435½ acre farm at Casselton, N. D., to the college as a seed farm. Donors are the North Dakota Crop Improvement Association and the hundreds of farmers and businessmen whose contributions made the purchase possible. Donors raised \$107,114 about half of it being for the land (at \$125 per acre) and the balance to pay for building construction, machinery and other expenses connected with placing the farm in shape as a unit for producing and increasing quality field seeds. The tract and its operation will be administered by the NDAC experiment station.

DAIRY CATTLE BREEDS

Dairymen, county agents, agriculture teachers, club leaders and dairy plant operators all will find interest in "Dairy Cattle Breeds," the USDA farmers' bulletin No. 1443. This is a 1949 revision of old bulletin No. 893 issued in 1925. Those still using the older bulletin should discard it in favor of No. 1443. It may be obtained by writing Superintendent of Documents, U. S. Government Printing Office, Washington 25 D. C. Price is 10 cents. The bulletin is desirable because it includes 1948 statistics. It deals primarily, however, with what it terms the five major breeds of dairy cattle—Ayrshire, Brown Swiss, Guernsey, Holstein-Friesian and Jersey. This will seem an incomplete tabulation to North Dakotans, who have great pride in fine herds of Milking Shorthorns and Red Polls, both dual-purpose breeds shown in local and state dairy shows.