

- Spiders, studies of Canadian, 128.
 Spraying for the green apple bug, 393.
Stenolophus carbonarius, 419.
Sternocera interrupta ad varieties, 436.
 " *interrupta vandykei*, n. var.,
 347.
 " *stevensii*, 347.
 " " *waterhousei*, n. var.,
 348.
Stigmococcus, abdominal spiracles in,
 86.
Swammerdamia cuprescens, n. sp., 231.
 SWETT, L. W., articles by, 17, 293.
Symydobius americanus, n. sp., 319.
 " *oblongus*, 318.
Syneda, synonymic notes on, 51.
- Tegrodera aloga*, 335.
 " *erosa*, 333.
 " *inornata*, n. var., 334.
 " *laticincta*, 335.
 " synopsis of, 333.
- Tenebroides bimaculata*, 53.
Thelia bimaculata, 152.
 Tineidæ of the Heath collection, 267.
Tipula alaska, n. sp., 412.
 " *aperta*, n. n. for *T. imperfecta*,
 62.
Tipula aprilina, n. sp., 63.
 " *bergrothiana*, n. sp., 68
 " *coracina*, n. sp., 70.
 " *entomophthora*, n. sp., 385.
 " *flavibasis*, n. sp., 414.
 " *flavo-umbrosa*, n. sp., 415.
 " *helderbergensis*, n. sp., 64.
 " *huron*, n. sp., 66.
 " *kansensis*, n. sp., 411.
 " *kirbyana*, n. sp., 244.
 " *macrolaboides*, n. sp., 69.
 " *margarita*, n. sp., 243.
 " *protea*, n. sp., 242.
 " *sackeniana*, n. sp., 62.
- Tipulidæ, new nearctic, 60, 158, 242,
 411.
 Tipulid fly from Baltic amber, 115.
 Tortricidæ of the Heath collection, 264.
- Tortrix argyrospila*, 321.
 TOWNSEND, C. H. T. article by, 246.
 Trachea, synonymic notes on, 46.
Tricyphona protea, n. sp., 242.
 Tropisms of insects, 357.
Tropisternus sublaevis, 52.
Trox erinaceus, 55.
 TURNER, C. F., article by, 187.
- Ufeus hulstii*, 12.
 " *plicatus*, 12.
Ulomorpha sierricola, n. sp., 163.
- Vanonus sagax*, 58.
- WALKER, E. M., articles by, 34, 107,
 108, 142, 179, 215, 350, 368, 387,
 390, 410, 424.
 WALLIS, J. B., articles by, 225, 262.
 WEISS, H. B., articles by, 201, 217,
 398, 401.
 WHITE, A. G. H., article by, 289.
 White grubs, control of, 253.
 WHITEHOUSE, F. C., articles by, 1, 95.
 WILLEY, A., article by, 358.
- Xanthorhoe atlinensis*, n. sp., 19.
 " *blackmorei*, n. sp., 21.
 " *fossaria*, 17.
 " *macdunnoughi*, n. sp., 17.
 " *pontiaria*, 17.
- Xylomiges curialis*, 16.
Xylotrechus, California species of, 209.
Xyrosaris ochroplagiata, n. sp., 232.
- YOUNG, B. P., article by, 267.
 Yponomeutidæ, new species of, 231.
 Yponomeutidæ of the Heath collection,
 266.
- Zoraptera, a new species of, from the
 United States, 375.
Zorotypus hubbardi, n. sp., 375.
 " *neotropicus*, 380.