

COMMONWEALTH INSTITUTE OF ENTOMOLOGY
DISTRIBUTION MAPS OF PESTS

Series A (Agricultural), Map No. 400, December 1979

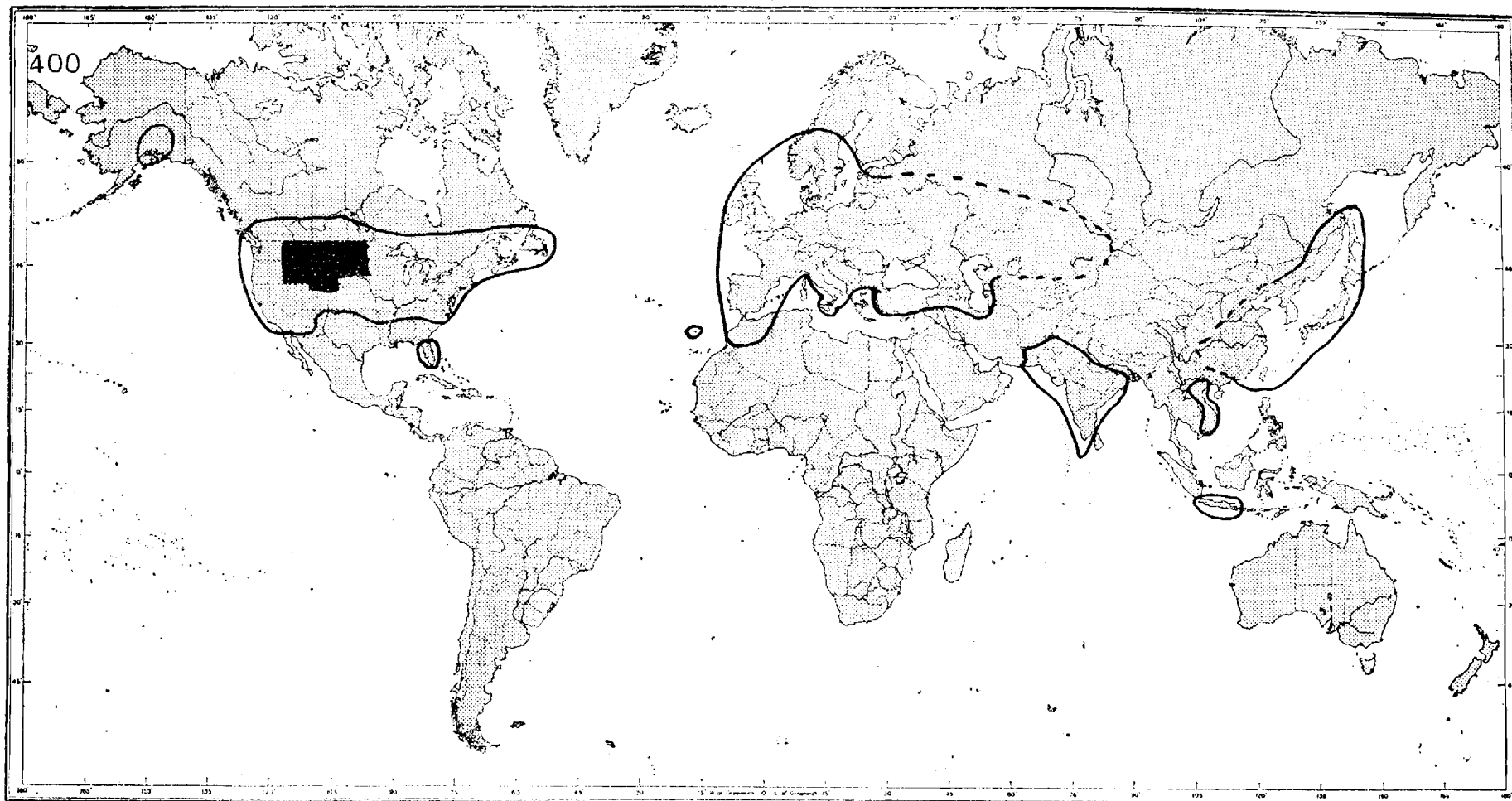
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Pest: *Xestia c-nigrum* (L.)

Amathes c-nigrum (L.), *Agrotis c-nigrum* (L.).

(Lep. Noctuidae) (Spotted Cutworm, Climbing Cutworm)

Host Plants: Carrot, celery, cotton, crucifers, flax, grape vine,
legumes, tobacco, tomato.



Numerals, e.g. 63 3491, 6 408, refer to abstracts or page numbers in RAE Ser. A.

Xestia c-nigrum (L.)

Map No. 400

EUROPE (excl. USSR)

- Austria [63 3491, 4946]
Belgium [61 3222]
Britain [Jones & Jones (62 2630) p. 105; South, R. The moths of the British Isles 1 p. 152, 1961 common and generally distributed]
Bulgaria [63 4398; 61 3984]
Czechoslovakia [6 408 Silesia]
Denmark [58 468]
France [61 4873 Chevreuse; 59 4037 Avignon; Balachowsky (61 4875) pp. 1322-24 northern, Pays Bas, Seine-et-Oise, south-west; Bonnemaision (51 422) 2 p. 425 Midi, Paris area]
Germany [East: Friese, G. *Entom. Nachr.* 13 (7-8) p. 69, 1969; West: Balachowsky & Mesnil (24 106) 2 p. 1652 throughout Europe]
Hungary [66 1602; 31 80]
Italy [Della Beffa (49 329) p. 464 very common]
Netherlands [Lempke, B. J. *Ent. Ber. Amst.* 25 (5) p. 82, 1965 Zwakhals]
Norway [18 693]
Poland [63 4334; 51 474]
Portugal [Zerkowitz, A. *J.N. Y.ent.Soc.* 54 p. 221, 1946 Fiel, Setúbal, Torres Vedras, Vizela]
Romania [53 275 near Bucharest; Arion (48 275) p. 413 throughout]
Sicily [Mariani, M. *Fauna lepid. Sic.* 17 (2) p. 143, 1939]
Spain [Calle Pascual (J.A.) *Les noctuidae españoles. Madrid. ser. A. no. 208 p. 29, 1974]*
Sweden [Balachowsky & Mesnil (*loc. cit.*)]
Switzerland [Balachowsky (*loc. cit.*)]
Yugoslavia [Hadzistević, D. *Zast. Bilja* 20 (103) p. 60, 1969 Zemun Polju]

ASIA (excluding USSR)

- China [34 116; Cheo (24 606) p. 298 north, east and central; Wu, C. F. *Cat. ins. sin.* 4 p. 435, 1938 Sinkiang (Yarkand); Boursin, C. V. *Forsch. Ber. Landes Nord-rheinwest Falen* 1170, 1963 Chekiang, Shansi, Shensi]
India [63 2123 Tamil Nadu; Browne (56 1184) p. 41 northern; Fletcher (9 68) p. 63 Madhya Pradesh (Jabalpur); Cotes, E. C. & Swinhoe, C. *Catal. Moths of India* 3 p. 312, 1888 Bombay, Nilgiri Hills, Simla]
Indonesia [Kalshoven (39 290) p. 572 Java]
Iran [64 1340 Rasht]
Japan [65 1832 Hokkaido; Shiraki (41 129) 4 p. 63 Honshu, Kyushu]
Korea [Shiraki (*loc. cit.*)]
Pakistan [Browne (*loc. cit.*)]
Sakhalin I. [Shiraki (*loc. cit.*)]
Sikkim [specimens in Brit. Mus. (Nat. Hist.) 1909]
Taiwan [Shiraki (*loc. cit.*)]
Tibet [specimens in Brit. Mus. (Nat. Hist.) Yatung no date]
Turkey [specimen seen from Mersin-Alata, 1973]
Vietnam [de Joannis, J. *Ann. Ent. Soc. Fr.* 97 p. 289, 1928 Hoang suphi]

USSR

- [67 3336 Maritime Provinces (Khabarovsk); 65 1408 Chelyabinsk, Tyumensk; 64 313 Azerbaijan; 63 857 Georgia (Khmel'nits); 62 4188 Ukraine; 55 1870 Kazakhstan; 21 576 Transcaucasia; 16 548 Crimea; 8 105 Don Province; 4 403 Charkov; 2 197 Vjatka]

AFRICA

- Madeira [66 4]
Morocco [Balachowsky (*loc. cit.*)]

AMERICA, NORTH

- Canada [66 4866 Ontario; 53 524 Quebec; *Can. Insect Pest Rev.* 38 p. 143, 1960 British Columbia (Okanagan Valley); 37 opp. p. 124, 1959 (map); Alberta, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Saskatchewan]
USA [67 1475 Washington; 66 4319 Massachusetts; 66 5382 (map); Davidson & Peairs (55 783) p. 151; Metcalf & Flint (51 178) p. 478 generally distributed in N. America; 30 526 Connecticut River Valley; 24 155 Minnesota; Crumb (15 288) p. 48 Arizona, Kansas, Missouri, Tennessee and Virginia as southern limits; 8 184 Maryland; Leonard, M. D. *Cornell Univ. Mem. no. 101 p. 661, 1926 New York (cited as *Noctua c-nigrum*); Dyar, H. G. *Bull. U.S. Nat. Mus.* no. 52 p. 134, 1902 Atlantic states; *Co-op. econ. Insect Rep.* 24 p. 247, 1974, Idaho (Canyon Co.); 13 pp. 660, 711, 1110, 1963 Ohio (Wooster Co.), California (Stanislaus Co.), Oregon (Jackson Co.); 4 pp. 418, 538, 1954 Louisiana, California (Riverside Co.); *Insect Pest Surv. Bull.* 18 pp. 153, 247, 1938 Michigan, Nebraska, Utah; Chamberlin, J. C. *Proc. Ent. Soc. Wash.* 46 (4) pp. 100-104, 1944 Alaska (Matanuska & Tanana valleys); Kimball, C. P. *Lepidoptera of Florida* 1965 Gainesville; Myrtle Grove, Quincy]*

- N.B.—Argentina. The 1925 record (14 186) has not been accepted as neither Blanchard (34 299) nor Hayward (33 287) list this species. Confusion with *Agrotis ipsilon* (Hfn.)—see Map No. 261—or with *A. semidolens* Wlk. seems possible.
Egypt. The even older reference, 8 424 of 1917, has also not been accepted as the species, if present, would probably have been listed by El-Kifl *et al.* (64 3658) and Gentry (55 328).