

ENTOMOLOGICAL ITEMS.

ODOROUS BUTTERFLIES.—The butterflies of India seem to be often odorous. In a "List of the lepidopterous insects collected in Cachar by Mr. Wood-Mason, part 2, Rhopalocera," by Messrs. J. Wood-Mason and L. de Nicéville (Journ. Asiatic society of Bengal, 1886, v. 55, pt. 2, no. 4, p. 343-393, pl. 15-18), among the 249 species found in that district, twelve species are mentioned as odorous. Five species of *nymphalidae* are described as having vanilla-scented males. Of *Stichophthalma camadeva*, Mr. Wood-Mason writes, "The gland covered by a patch of modified scales and by an erectile wisp of hairs on each hind wing in the male, secretes a fluid that gives out a pleasant odor distinct from, but so faint as barely to be perceptible in the presence of a much stronger odor (resembling that of sable fresh from the furrier's shop) which is common to the two sexes." Of the male of *Catopsilia gnoma* it is said that the tufts of hair on the wings smell like jessamin. Three species of *papilionidae* are mentioned as having a musky odor. *Papilio dasarada* is described as having "a strong scent of caged porcupines with a touch of musk." In *P. aristolochiae* "the male emits a strong and slightly pungent odor resembling that of ? batchelor's buttons or of the rose with a trace of acetic acid." G: D.

NECROLOGY.—Since our last necrological notice (PSYCHE, Jan.-Mar. 1885, v. 4, p. 266), news has been received of the death of the following entomologists, or persons who have contributed to entomological literature: Spencer Fullerton Baird, secretary of the Smithsonian institution, at Washington, D. C., zoologist, b. 3 Feb. 1823, in Reading, Pa., d. 19 Aug. 1887, at Woods Holl, Mass. Heinrich Anton de Bary, cryptogamic botanist, b. at Frankfort-on-the-Main, Germany, 26 Jan. 1831, d. 19 Jan. 1886, at Strassburg, Germany. Dr. Edward Becher, entomologist and assistant in the royal museum in Vienna, Aus-

tria, d. in that city, 11 Nov. 1886. Thomas Bland, entomologist and conchologist, b. 4 Oct. 1809, in Nottinghamshire, Engl., d. 20 Aug. 1885, in Brooklyn, N. Y. Henri Brissout de Barneville, entomologist, d. 23 Jan. 1887, in Saint-Germain-en-Laye, France. Dr. Adam Todd Bruce, anatomist and embryologist, instructor in Johns Hopkins University, d. in Cairo, Egypt, 11 Feb. 1887. Nicholas Cooke, lepidopterist, b. 14 Jan. 1818, at Liverpool, d. 19 May 1885, at Leatherhead, England. Thomas Cooke, London entomologist, b. in 1814, d. 10 June 1885. Carl Cornelius, teacher in the Realschule in Elberfeld, from 1833 to 1874, who has contributed largely to the literature of the biology of insects, b. 17 Nov. 1805, in Soest, Germany, d. 1 April 1885, in Elberfeld, Germany. Thomas Edward, whose life is told by S: Smiles in his "Life of a Scotch naturalist," b. 25 Dec. 1814, in Gosport, d. 27 April 1886. James English, entomological collector, d. 12 Jan. 1888, in Epping, England, aged 67 years. William Farren, entomological collector, d. at Cambridge, Engl., 21 Nov. 1887, aged 51 years. John Firth, lepidopterist and ornithologist, d. in Bradford, Engl., 29 Aug. 1885, aged 53. Dr. Heinrich Leopold Fischer, professor of minerology but well known as a writer on orthoptera, d. in Freiburg, i. Br., Germany, 1 Feb. 1886. Herrmann Friedrich Rudolf Heinrich Gadammer, forester, entomologist and ornithologist, b. 2 May, 1818, in Silesia, d. at Raslätt, near Jönköping, Sweden, 24 April 1885. Dr. Max Gemminger, coleopterist, b. 23 Jan. 1820 [? 20 Jan. 1822] in München, Germany, d. 18 Apr. 1887, in the same city. Maurice Girard, a well-known Parisian entomologist, d. in Aug. 1886, aged 64, at Lion-sur-mer, France, during his summer vacation. Gustav Haller, entomologist, student of *acarina*, d. 1 May 1886, in Bern, Switzerland. James Hamer, entomological collector, d. at Southport, Lancashire, Engl., 14 Nov. 1887, aged 46 years. Oscar Harger, zoologist and pa-

leontologist, b. 12 Jan. 1843, in Oxford, Conn., d. 6 Nov. 1887, in New Haven, Conn. Baron Edgar von Harold, coleopterist, d. 1 Aug. 1886, in Possenhofen, near München, Germany. Rev. John Hellins, lepidopterist, d. in Exeter, Engl., 9 May 1887, aged 58. C. W. Hering, lepidopterist, d. in Stettin, Germany, 1 Feb. 1887, aged 85. Franz Höllmer, lepidopterist, b. 29 Sept. 1820, in Borgholzhausen Kreis Halle, Westphalia, Germany, d. 11 April 1885, in Münster, Westphalia. Johann von Hornig, lepidopterist, d. 29 Nov. 1886, in Vienna, Austria. Nicholas Joly, professor in Toulouse, d. there 17 Oct. 1885. Dr. Wilhelm Kaiser, zoologist, b. 1 Feb. 1841, in Arnsberg, Germany, d. 2 Sept. 1884, in Elberfeld. Frederick W. Klages, collector of insects, d. in Pittsburgh, Pa., 27 March 1886, in his 27th year. Albert Kothe, lepidopterist, b. in 1828, in Berlin, Germany, d. 12 Oct. 1885, in that city. Antonio de Lacerda, entomologist, d. in Bahia, Brazil, early in Aug. 1885, at the age of 51. Charles Lambin, coleopterist, d. at Paris, France, 8 Oct. 1885, at the age of 63 years. Jules Lichtenstein, entomologist, d. at Montpellier, France, 30 Nov. 1886, at the age of 68. Valère Liénard, anatomist and entomologist in Ghent, Belgium, b. in 1856, d. 20 Aug. 1886, in Brussels. Robert Francis Logan, lepidopterist, d. in Spylaw, Colinton, near Edinburgh, Scotland, 28 July 1887. Charles Martin, entomological collector and lieutenant of infantry in the French expedition to Tonquin. Philipp Leopold Martin, taxidermist and museologist, d. 8 Mar. 1885 in Stuttgart. Ferencz [= François] Metelka, entomologist and pharmacist, b. 21 July 1814, at Hatvan, Hungary, d. 9 March 1885, at Alsó-Dabas, Hungary. Pierre Millière, entomologist, writer on the biology of lepidoptera, d. at Cannes, France, 29 May 1887, aged 74. Dr. Henri Milne-Edwards, eminent zoologist and dean of the scientific faculty at Paris, b. 23 Oct. 1800, in Bruges, France (now Belgium),

d. 29 July 1885, in Paris, France. Max Mützell, lepidopterist, d. 16 April 1887, in Berlin, Germany. Karl Plötz, lepidopterist, d. in Greifswald, Germany, 12 Aug. 1886, aged 73. Dr. François P. L. Pollen, zoologist and explorer of Madagascar, b. 7 Jan. 1842, in Rotterdam, Holland, d. 7 May 1886, in Leiden, Holland. John Arthur Power, M. D., coleopterist, b. 18 March 1810, d. in Bedford, Engl., 9 June 1886. Charles Phillippe Robin, French senator, physiologist and entomologist, b. 4 June 1821, at Jasseron, dept. de l'Ain, France, d. 6 Oct. 1885, near Jasseron. John Sang, lepidopterist, d. in Darlington, Engl., 19 March 1887, aged 59. Jörgen Christian Schiödte, entomological writer since 1836, b. 20 April 1815, in Copenhagen, d. 22 April 1884, in the same city. Joseph Sidebotham, astronomer, entomologist and botanist, d. at Bowdon, near Manchester, Engl., 30 May 1885, at the aged of 62. Carl Theodor Ernst von Siebold, distinguished naturalist and since 1853 professor of zoology at München, Germany, b. 16 Feb. 1804, in Würzburg, Germany, d. in München, 7 April 1885. Dr. Georg Simmermacher, a young zoologist, d. 18 May, 1885, in Giessen, Germany, in consequence of accidental poisoning by arseniuretted hydrogen. Gabriel Tappes, entomologist, d. at Batignolles, Paris, 27 Sept. 1885, in his 70th year. Jean Jacques de Tschudi, Swiss traveler and naturalist, d. in St. Gall, Switzerland, 25 Jan. 1886, aged 68. Antonio Villa, naturalist and author of numerous entomological papers, d. 26 June 1885, in Milan, Italy. Adolf Werneburg, forester and lepidopterist, d. 21 Jan. 1887, in Erfurt, Germany. Hendrik Weyenbergh, professor of zoology in Córdoba, Argentine Republic, entomologist, d. in Harlem, Holland, 25 July 1885, aged 42; he was at the time on a visit to his native country. Thomas Wilson, entomologist, d. in York, Engl. 17 April 1887, aged 51. G: D.

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