

UK pest status report for *Bactrocera zonata*

Field	Detail
Pest species name	<i>Bactrocera zonata</i> (Saunders, 1842)
Pest taxon (order, family)	Insecta: Diptera: Tephritidae: Dacinae
Synonyms	<p><i>Dasyneura zonatus</i>: Saunders, 1842</p> <p><i>Bactrocera maculigera</i>: Doleschall, 1858</p> <p><i>Rivellia persicae</i>: Bigot, 1890</p> <p><i>Dacus ferugineus</i> var. <i>mangiferae</i>: Cotes, 1893</p> <p><i>Dacus (Strumeta) zonatus</i>: Hardy, 1973</p>
Pest common name	Peach fruit fly
Regulatory status	<p>Great Britain: Not regulated</p> <p>Northern Ireland: Regulated quarantine pest</p>
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	<p>Africa: Egypt, Libya, Mauritius, Reunion, Sudan</p> <p>Asia: Bangladesh, Bhutan, India, Iran, Iraq, Israel, Laos, Myanmar, Nepal, Oman, Pakistan, Saudi Arabia, Sri Lanka, Thailand, United Arab Emirates, Vietnam, Yemen</p>
Main hosts	<p>Major hosts: <i>Mangifera indica</i> (mango), <i>Prunus persica</i> (peach), <i>Psidium guajava</i> (guava)</p> <p>Other hosts: <i>Abelmoschus esculentus</i> (okra), <i>Aegle marmelos</i> (Bengal quince), <i>Afzelia xylocarpa</i> (makha fruit), <i>Annona reticulata</i> (custard apple), <i>Annona squamosa</i> (sweetsop), <i>Careya arborea</i> (Ceylon oak), <i>Carica</i></p>

	<p><i>papaya</i> (pawpaw), <i>Citrullus lanatus</i> (watermelon), <i>Citrus aurantium</i> (bitter orange), <i>Citrus limon</i> (lemon), <i>Citrus x paradisi</i> (grapefruit), <i>Citrus reticulata</i> (mandarin), <i>Citrus sinensis</i> (sweet orange), <i>Coccinia grandis</i> (ivy gourd), <i>Cucumis sativus</i> (cucumber), <i>Cucurbita</i> spp., <i>Cydonia oblonga</i> (quince), <i>Diospyros</i> spp., <i>Elaeocarpus hygrophilus</i>, <i>Eriobotrya japonica</i> (loquat), <i>Ficus carica</i> (fig), <i>Lagenaria siceraria</i> (bottle gourd), <i>Luffa acutangula</i> (angled loofah), <i>Malpighia emarginata</i> (west Indian cherry), <i>Malus domestica</i> (apple), <i>Manilkara zapota</i> (sapodilla), <i>Mimusops elengi</i> (Spanish cherry), <i>Momordica charantia</i> (bitter melon), <i>Persea americana</i> (avocado), <i>Phoenix dactylifera</i> (date palm), <i>Prunus armeniaca</i> (apricot), <i>Psidium cattleianum</i> (strawberry guava), <i>Punica granatum</i> (pomegranate), <i>Pyrus communis</i> (pear), <i>Pyrus ussuriensis</i> (Amur pear), <i>Syzygium jambos</i> (rose apple), <i>Syzygium samarangense</i> (Java apple), <i>Terminalia catappa</i> (tropical almond), <i>Ziziphus jujuba</i> (chinese date), <i>Ziziphus mauritiana</i> (jujuba)</p>
Likelihood for establishment in UK	Tropical fruit fly unlikely to establish in the UK
Website(s)	<p>https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.17694</p> <p>https://gd.eppo.int/taxon/DACUZO</p> <p>https://fruitflykeys.africamuseum.be/en/index.html</p>

References

Drew, R.A.I. & Romig, M.C. 2013. *Tropical fruit flies* (Tephritidae: Dacinae) of South-East Asia: Indomalaya to North-West Australia. CAB International, Wallingford

White IM, Elson-Harris MM. 1994. *Fruit flies of economic significance: Their identification and bionomics*. CAB International. Oxon, UK. 601 pp.

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>