

قائمة بحوث الآفات التي تصيب جذوع النخيل





صحة النبات

قائمة بحوث الآفات التي تصيب جذوع النخيل

آفات أشجار نخيل التمر

أدناه، قائمة بالأوراق البحثية العربية المنشورة منذ عام 2015 حتى تاريخه ذات الصلة بالآفات التالية: سوسة النخيل الحمراء (*Rhynchophorus ferrugineus*) وحفار عذوق النخيل (*Oryctes elegans* Prell) وحفار الساق النخيل ذو القرون الطويلة (*Pseudophilus testaceus*).

المصدر: قاعدة بيانات سكوبس (Scopus)

نوع الأوراق: أوراق بحثية ومراجعات (Article & Review)

1. [Genetic Diversity of Palm Weevils, Rhynchophorus Species \(Coleoptera: Curculionidae\) by Mitochondrial COI Gene Sequences Declares a New Species, R. bilineatus in Qassim, Saudi Arabia](#)
Abdel-Baky, N.F., Aldeghairi, M.A., Motawei, M.I., (...), Alharbi, M.T.M., Rehan, M.
(2023) Arabian Journal for Science and Engineering, 48(1), pp. 63-80
2. [Isolation, identification and efficacy of three bacterial isolates against the red palm weevil, Rhynchophorus ferrugineus \(Olivier\) \(Coleoptera: Curculionidae\)](#)
Almasoudi, N.M., Asiry, K.A., Abo-Elyousr, K.A.M.
(2022) Egyptian Journal of Biological Pest Control, 32(1),52
3. [Adoption of Integrated Pest Management for Red Palm Weevil Control among Farmers in Saudi Arabia](#)
Alotaibi, B.A., Ahmed, A., Al-Zaidi, A.A., Kassem, H.S.
(2022) Horticulturae, 8(11),1005



4. [Efficiency of *Bacillus thuringiensis* and *Bacillus cereus* against *Rhynchophorus ferrugineus*](#)
Elsharkawy, M.M., Almasoud, M., Alsulaiman, Y.M., (...), Hassan, M.M., Shaver, R.
(2022) *Insects*, 13(10),905

5. [Immune Responses of *Rhynchophorus ferrugineus* to a New Strain of *Beauveria bassiana*](#)
Elsharkawy, M.M., Alotibi, F.O., Al-Askar, A.A., (...), Adnan, M., Abdelkhalek, A.
(2022) *Sustainability (Switzerland)*, 14(20),13002

6. [CNN–Aided Optical Fiber Distributed Acoustic Sensing for Early Detection of Red Palm Weevil: A Field Experiment †](#)
Ashry, I., Wang, B., Mao, Y., (...), Ng, T.K., Ooi, B.S.
(2022) *Sensors*, 22(17),6491

7. [Molecular characterization and phylogenetic relationships among *Rhynchophorus* sp. haplotypes in Makkah Al-Mukarramah Region-KSA](#)
Al-Otaibi, W.M., Alghamdi, K.M., Mahyoub, J.A.
(2022) *Saudi Journal of Biological Sciences*, 29(9),103388

8. [Feeding preference of *Rhynchophorus ferrugineus* \(Oliver\) \(Coleoptera: Curculionidae\) on different date palm cultivars and host biochemical responses to its infestation](#)
Manzoor, M., Yang, L., Wu, S., (...), Haider, M.S., Ahmad, J.N.
(2022) *Bulletin of Entomological Research* 112(4), pp. 494-501



9. [Field evaluation of repellents against red palm weevil *Rhynchophorus ferrugineus* \(Olivier\) \(Coleoptera: Curculionidae\) through trap shutdown studies](#)
Faleiro, J.R., El-Shafie, H.A.F., Oehlschlager, A.C., Aleid, S.M.A., Mahajan, G.R.
(2022) *Journal of Plant Diseases and Protection*, 129(4), pp. 791-804

10. [Stochastic Modelling of Red Palm Weevil Using Chemical Injection and Pheromone Traps](#)
El-Shahed, M., Al-Nujiban, A., Abdel-Baky, N.F.
(2022) *Axioms*, 11(7), 334

11. [Smart IoT-based system for detecting RPW larvae in date palms using mixed depthwise convolutional networks](#)
Esmail Karar, M., Abdel-Aty, A.-H., Algarni, F., (...), Abdou, M.A., Reyad, O.
(2022) *Alexandria Engineering Journal*, 61(7), pp. 5309-5319

12. [A Deep-Learning Model for Real-Time Red Palm Weevil Detection and Localization](#)
Alsanea, M., Habib, S., Khan, N.F., (...), Islam, M., Khan, S.
(2022) *Journal of Imaging*, 8(6), 170

13. [Haplotype diversity of palm weevil in Saudi Arabia through ITS gene sequencing](#)
Aziz, A.T., Alshehri, M.A., Alasmari, A., (...), Panneerselvam, C., Sayed, S.
(2022) *Journal of King Saud University – Science*, 34(3), 101893



14. [Integrated Pest Management of *Rhynchophorus ferrugineus* Olivier: An Efficient Approach to Reduce Infestation in Date Palm Trees](#)
Ahmad, I.
(2022) Pakistan Journal of Zoology, 54(2), pp. 927-936

15. [Patterns of Volatile Diversity Yield Insights Into the Genetics and Biochemistry of the Date Palm Fruit Volatilome](#)
Flowers, J.M., Hazzouri, K.M., Lemansour, A., (...), Amiri, K.M.A., Purugganan, M.D.
(2022) Frontiers in Plant Science, 13,853651

16. [Effects of Trap Locations, Pheromone Source, and Temperature on Red Palm Weevil Surveillance \(Coleoptera: Dryophthoridae\)](#)
Al Ansi, A.N., Aldryhim, Y.N., Al Janobi, A.A., Aldawood, A.S.
(2022) Florida Entomologist, 105(1), pp. 58-64

17. [Monitoring of infestation percentages of the invasive red palm weevil, *Rhynchophorus ferrugineus* \(Coleoptera: Curculionidae\), and management tactics: a six-year study](#)
Abdel-Baky, N.F., Aldeghairi, M.A., Motawei, M.I., (...), Alharbi, M.T.M., Rehan, M.
(2022) Brazilian Journal of Biology, 82,e263707

18. [Management of Deleterious Effect of *Fusarium oxysporum* Associated with Red Palm Weevil Infestation of Date Palm Trees](#)
Ziedan, E.-S.H.E., Hashem, M., Mostafa, Y.S., Alamri, S.
(2022) Agriculture (Switzerland), 12(1),71



19. [A Preliminary Study on Flight Characteristics of the Longhorn Date Palm Stem Borer *Jebusaea hamerschmidtii* \(Reiche 1878\) \(Coleoptera: Cerambycidae\) Using a Computerized Flight Mill](#)
El-Shafie, H., Mohammed, M., Alqahtani, N.
(2022) Agriculture (Switzerland), 12(1),120

20. [Role of smart technology to increase date productivity and water efficiency in MENA countries: a review of innovative sustainable solutions](#)
El-Rawy, M., Haraz, O.M., Morsy, M.A., Saad, W.
(2021) Euro-Mediterranean Journal for Environmental Integration, 6(3),67

21. [CURRENT STATUS, CHALLENGES, MANAGEMENT AND FUTURE PERSPECTIVES OF THE RED PALM WEEVIL *Rhynchophorus ferrugineus* OLIVIER \(COLEOPTERA, CURCULIONIDAE\) ERADICATION - A REVIEW](#)
Al-Zyoud, F., Shibli, R., Ghabeish, I.
(2021) Journal of Experimental Biology and Agricultural Sciences, 9(6), pp. 697-714

22. [Antennal transcriptome sequencing and identification of candidate chemoreceptor proteins from an invasive pest, the American palm weevil, *Rhynchophorus palmarum*](#)
Gonzalez, F., Johnny, J., Walker, W.B., (...), Pain, A., Antony, B.
(2021) Scientific Reports, 11(1),8334

23. [In silico characterization, docking, and simulations to understand host–pathogen interactions in an effort to enhance crop production in date palms](#)
Alazmi, M., Alshammari, N., Alanazi, N.A., Sulieman, A.M.E.
(2021) Journal of Molecular Modeling, 27(11),339



24. [Molecular characterization and phylogenetic analysis of *Rhynchophorus ferrugineus* \(Olivier\) in Eastern Province, Saudi Arabia](#)
Sabit, H., Abdel-Ghany, S., Al-Dhafar, Z., (...), Ahmed Alfehaid, Y., Aly Osman, M.
(2021) Saudi Journal of Biological Sciences, 28(10), pp. 5621-5630

25. [Secondary invader bacteria associated with the red pest weevil infestation in date palm trees](#)
Ziedan, E.-S.H.E., Alamri, S.A., Hashem, M., Mostafa, Y.S.
(2021) Agronomy Journal, 113(5), pp. 4271-4279

26. [Crystallicutis gen. nov. \(Irpicaceae, Basidiomycota\), including *C. damiETTensis* sp. nov., found on Phoenix dactylifera \(date palm\) trunks in the Nile Delta of Egypt](#)
El-Gharabawy, H.M., Leal-Dutra, C.A., Griffith, G.W.
(2021) Fungal Biology, 125(6), pp. 447-458

27. [The First Report for the Presence of Spiroplasma and Rickettsia in Red Palm Weevil *Rhynchophorus ferrugineus* \(Coleoptera: Curculionidae\) in Egypt](#)
Awad, M., Sharaf, A., Elrahman, T.A., (...), ElKraly, O.A., Elnagdy, S.M.
(2021) Acta Parasitologica, 66(2), pp. 593-604

28. [Pheromone receptor of the globally invasive quarantine pest of the palm tree, the red palm weevil \(*Rhynchophorus ferrugineus*\)](#)
Antony, B., Johny, J., Montagné, N., (...), Al-Saleh, M.A., Pain, A.
(2021) Molecular Ecology, 30(9), pp. 2025-2039



29. [Assessing *Spirulina platensis* as a dietary supplement and for toxicity to *Rhynchophorus ferrugineus* \(Coleoptera: Dryophthoridae\)](#)
Al-Qahtani, W.H.
(2021) Saudi Journal of Biological Sciences, 28(3), pp. 1801-1807

30. [Histopathological studies of red palm weevil *rhynchophorus ferrugineus*, \(Olivier\) larvae and adults to evaluate certain nano pesticides | \[Estudos histopatológicos de gorgulho do palmito *rhynchophorus ferrugineus*, larvas \(Olivier\) e adultos para avaliar certos nano pesticidas\]](#)
Abd El-Fattah, A.Y., Abd El-Wahab, A.S., Jamal, Z.A., El-Helaly, A.A.
(2021) Brazilian Journal of Biology, 81(1), pp. 195-201

31. [Efficiency of *Origanum majorana* essential oil as insecticidal agent against *Rhynchophorus ferrugineus* the red palm weevil \(Olivier\) \(Coleoptera: Curculionidae\)](#)
Mady, H.Y., Ahmed, M.M., El Namaky, A.H.
(2021) Journal of Biopesticides, 14(1), pp. 32-40

32. [Complete mitochondrial genome of the longhorn date palm stem borer *lebusaea hammerschmidtii* \(Reiche, 1878\)](#)
Dias, G.B., Aldossary, A.M., El-Shafie, H.A.F., (...), Bergman, C.M., Manee, M.M.
(2021) Mitochondrial DNA Part B: Resources, 6(11), pp. 3214-3216

33. [Bioassay of some indigenous entomopathogens for controlling *rhynchophorus ferrugineus*, olivier in saudi arabia](#)
Abdel-Baky, N.F., Hamed, K.E., Al-Otaibi, N.D., Aldeghairi, M.A.
(2021) Pakistan Journal of Biological Sciences, 24(9), pp. 944-952



34. [Intelligent IoT-Aided early sound detection of red palm Weevils](#)
Karar, M.E., Reyad, O., Abdel-Aty, A.-H., Owyed, S., Hassan, M.F.
(2021) Computers, Materials and Continua, 69(3), pp. 4095-4111

35. [An assessment of the efficacy of pheromone traps in managing the red palm weevil](#)
Sabbahi, R., Azzaoui, K., Hammouti, B.
(2021) Indonesian Journal of Science and Technology, 6(2), pp. 371-384

36. [The longhorn beetle *Jebusaea hamerschmidtii* Reiche \(Coleoptera: Cerambycidae\): An old serious pest undermining date palm plantations](#)
El-Shafie, H.A.F.
(2021) CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 16(33),033

37. [Toxicity and Field Efficacy of Emamectin Benzoate \(ARETOR\) against Red Palm Weevil, by using Syngenta Tree Micro-Injection Technique](#)
Rasool, K.G., Husain, M., Salman, S., (...), Sutanto, K.D., Aldawood, A.S.
(2021) International Journal of Agriculture and Biology, 25(5), pp. 1120-1125

38. [Impact of the invasive plant species "Nicotiana glauca" toxins on the larvae of the invasive insect species "Rhynchophorus ferrugineus": A damaging pest of date palm trees in Saudi Arabia](#)
Alghamdi, A.A.
(2021) Saudi Journal of Biological Sciences, 28(1), pp. 1154-1157



39. [An evaluation of invasive pest, red palm weevil *Rhynchophorus ferrugineus* \(Olivier, 1790\) \(coleoptera, curculionidae\) population in Iraq](#)
Alderawii, M.M., Alyousuf, A.A., Hasan, S.A., (...), Jappar, H.A., Paudyal, S.
(2020) Bulletin of the Iraq Natural History Museum, 16(2), pp. 203-218

40. [Fumigant action of commonly used insecticides as a curative treatment of red palm weevil *rhynchophorus ferrugineus* \(Olivier\) in infested date palms](#)
Al-Ballaa, S.R.
(2020) Arab Journal of Plant Protection, 38(4), pp. 333-338

41. [The impact of onion-garlic mixture to control of *Rhynchophorus ferrugineus* in Saudi Arabia](#)
Al-Shuraym, L.A.M., Al-Keridis, L.A., Ali Al-Dakhil, A., Al-Qahtani, W.S.
(2020) Journal of the Saudi Society of Agricultural Sciences, 19(8), pp. 521-527

42. [Diversity of red palm weevil, *Rhynchophorus ferrugineus* Oliv. \(Coleoptera: Curculionidae\) in the Kingdom of Saudi Arabia: studies on the phenotypic and DNA barcodes](#)
Sukirno, S., Tufail, M., Rasool, K.G., Husain, M., Aldawood, A.S.
(2020) International Journal of Tropical Insect Science, 40(4), pp. 899-908

43. [Sustainable management of the red palm weevil: The nexus between farmers' adoption of integrated pest management and their knowledge of symptoms](#)
Kassem, H.S., Alotaibi, B.A., Ahmed, A., Aldosri, F.O.
(2020) Sustainability (Switzerland), 12(22),9647, pp. 1-16



44. [Production of a biopesticide on host and Non-Host serine protease inhibitors for red palm weevil in palm trees](#)
Orfali, R., Binsuwaileh, A., Abu Al-Ala'a, H., (...), Alluhayb, K., Orfali, R.S.
(2020) Saudi Journal of Biological Sciences, 27(10), pp. 2803-2808

45. [First record of the red palm weevil *Rhynchophorus ferrugineus* \(Olivier\) on Socotra Island \(Yemen\), an exotic pest with high potential for adverse economic impacts](#)
Witt, A., Hula, V., Suleiman, A.S., Van Damme, K.
(2020) Rendiconti Lincei, 31(3), pp. 645-654

46. [Susceptibility of *Rhynchophorus ferrugineus* \(Olivier\) \(Coleoptera: Curculionidae\) to entomopathogenic nematodes with regard to its immune response](#)
El Sadawy, H.A., EL Namaky, A.H., Al Omari, F., Bahareth, O.M.
(2020) Biological Control, 148,104308

47. [Valuing and controlling the economic losses from red palm weevils \(*Rhynchophorus ferrugineus*\) in Riyadh, Saudi Arabia](#)
Ghanem, A.M., Alrwis, K.N., Alnashwan, O.S., (...), Ahamed, S.A.B., Aldawdahi, N.M.
(2020) Journal of Experimental Biology and Agricultural Sciences, 8(4), pp. 418-425

48. [Integration of entomopathogenic fungi and eco-friendly insecticides for management of red palm weevil, *Rhynchophorus ferrugineus* \(Olivier\)](#)
Qayyum, M.A., Saleem, M.A., Saeed, S., (...), Khan, K.A., Alamri, S.A.
(2020) Saudi Journal of Biological Sciences, 27(7), pp. 1811-1817



49. [Epidemiology and perseverance of the Indian red palm weevil, *rhynchophorus ferrugineus* olvier \(coleoptera: Curculionidae\) in Jordan valley](#)
Sawwan, J.S., Al-Antary
(2020) Fresenius Environmental Bulletin, 29(6), pp. 4756-4762

50. [Antioxidant status and ultrastructural defects in the ovaries of red palm weevils \(*Rhynchophorus ferrugineus*\) intoxicated with spinosad](#)
Abdelsalam, S., Alzahrani, A.M., Elmenhawy, O.M., Abdel-Moneim, A.M.
(2020) Entomological Research, 50(6), pp. 309-316

51. [First use of radio telemetry to assess behavior of red palm weevil, *Rhynchophorus ferrugineus* \(Olivier\) \(Coleoptera: Dryophthoridae\) in the presence and absence of pheromone traps](#)
Al Ansi, A., Aldryhim, Y., Al Janobi, A.
(2020) Computers and Electronics in Agriculture, 170,105252

52. [Monitoring and management of date palm borers by using light traps](#)
Alyousuf, A., Shaaban, A.D., Alderawii, M.M., Alsaadie, H.M.
(2020) Basrah Journal of Agricultural Sciences, 33(2), pp. 147-157

53. [Quarantine protocol against coleopteran borers in date palm offshoots using eco2fume gas](#)
El-Shafie, H.A., Mohammed, M.E., Sallam, A.-K.A.
(2020) Outlooks on Pest Management, 31(4), pp. 190-192



54. [Numerical Analysis of the Microwave Treatment of Palm Trees Infested with the Red Palm Weevil Pest by Using a Circular Array of Vivaldi Antennas](#)
Rmili, H., Alkhalifeh, K., Zarouan, M., Zouch, W., Islam, M.T.
(2020) IEEE Access, 8,9170618, pp. 152342-152350
55. [Insecticidal activity of Punica granatum L. extract for the control of rhynchophorus ferrugineus \(Olivier\) \(Coleoptera: Curculionidae\) and some of its histological and immunological aspects](#)
El Namaky, A.H., El Sadawy, H.A., Al Omari, F., Bahareth, O.M.
(2020) Journal of Biopesticides, 13(1), pp. 13-20
56. [Hemocyte profile, phagocytosis, and antibacterial activity in response to immune challenge of the date fruit stalk borer, oryctes elegans](#)
Al Mutawa, M.Y., Ayaad, T.H., Shaurub, E.H.
(2020) Invertebrate Survival Journal, 17(1), pp. 147-162
57. [Field evaluation of synthetic pheromone, allomone, palm kairmone and ester in capturing adult red palm weevils, rhynchophorus ferrugineus \(olivier\) by aggregation pheromone traps in date palm plantations](#)
Arafa, O.E.
(2020) Plant Archives, 20, pp. 1857-1862
58. [The effects of botanical oils on the red palm weevil, rhynchophorus ferrugineus olivier \(Coleoptera: Curculionidae\)](#)
Reyadn, F., Al-Ghamdih, A., Abdel-Raheemm, A., Al-Shaerim, A.
(2020) Applied Ecology and Environmental Research, 18(2), pp. 2909-2919



59. [Laboratory evaluation of the toxicity of acetamiprid and sulfoxaflor against the red palm weevil *Rhynchophorus ferrugineus* \(Olivier\)](#)
Alhewairini, S.S.
(2020) Pakistan Journal of Zoology, 52(1), pp. 55-60
60. [Evaluation of some non-invasive approaches for the detection of red palm weevil infestation](#)
Ghulam Rasool, K., Husain, M., Salman, S., (...), Aslam Farooq, W., Aldawood, A.S.
(2020) Saudi Journal of Biological Sciences, 27(1), pp. 401-406
61. [Virulence of fungal spores and silver nano-particles from entomopathogenic fungi on the red palm weevil, *Rhynchophorus ferrugineus* Olivier \(Coleoptera: Curculionidae\)](#)
Abdel-Raheem, M.A., ALghamdi, H.A., Reyad, N.F.
(2019) Egyptian Journal of Biological Pest Control, 29(1),97
62. [Efficacy of the fungus *Beauveria bassiana* \(Balsamo\) Vuillemin on the red palm weevil *Rhynchophorus ferrugineus* Olivier \(Coleoptera: Curculionidae\) larvae and adults under laboratory conditions](#)
El Hussein, M.M.
(2019) Egyptian Journal of Biological Pest Control, 29(1),58
63. [Development-disrupting chitin synthesis inhibitor, novaluron, reprogramming the chitin degradation mechanism of red palm weevils](#)
Hussain, A., Aljabr, A.M., Al-Ayedh, H.
(2019) Molecules, 24(23),4304



64. [The use of phosphine as curative treatment against date palm borers](#)
El-Shafie, H.A.F.
(2019) Outlooks on Pest Management, 30(5), pp. 204-207

65. [The efficacy assessment of emamectin benzoate using micro injection system to control red palm weevil](#)
Mashal, M.M., Obeidat, B.F.
(2019) Heliyon, 5(6),e01833

66. [Global transcriptome profiling and functional analysis reveal that tissue-specific constitutive overexpression of cytochrome P450s confers tolerance to imidacloprid in palm weevils in date palm fields](#)
Antony, B., Johny, J., Abdelazim, M.M., (...), Al-Saleh, M.A., Pain, A.
(2019) BMC Genomics, 20(1),440

67. [Testing nano-pesticides toxicity against red palm weevil *Rhynchophorus ferrugineus* \(Olivier\) in Egypt](#)
Abd El-Fattah, A.Y., El-Shafei, W.K.M., El-Helaly, A.A., AbdEl-Wahab, A.S.
(2019) Plant Archives, 19(1), pp. 1559-1568

68. [Monitoring tools and sampling methods for major date palm pests](#)
El-Shafie, H.A.F., Abdel-Banat, B.M.A., Mohammed, M.E.A., Al-Hajhoj, M.R.
(2019) CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 14,022



69. [Studies on curative treatment of red palm weevil, *Rhynchophorus ferrugineus* Olivier infested date palms based on an innovative fumigation technique](#)
Al Ballaa, S.R., Faleiro, J.R.
(2019) Arab Journal of Plant Protection, 37(2), pp. 119-123
70. [Studies on service free semiochemical mediated technologies to control red palm weevil *Rhynchophorus ferrugineus* Olivier based on trials in Saudi Arabia and India](#)
Faleiro, J.R., Al-Shawaf, A.M., El-Shafie, H.A.F., Raikar, S.P.
(2019) Arab Journal of Plant Protection, 37(2), pp. 136-142
71. [Importance of field operations for reducing red palm weevil \(RPW\) infestation on date palm](#)
Salah, M.B.
(2019) Arab Journal of Plant Protection, 37(2), pp. 159-162
72. [Management of the red palm weevil *Rhynchophorus ferrugineus* \(Olivier\) using sustainable options in Saudi Arabia](#)
Ali-Bob, M.
(2019) Arab Journal of Plant Protection, 37(2), pp. 163-169
73. [Overview of the gaps, challenges and prospects of red palm weevil management](#)
Faleiro, J.R., Ferry, M., Yaseen, T., Al-Dobai, S.
(2019) Arab Journal of Plant Protection, 37(2), pp. 170-177



74. [Red palm weevil \(*Rhynchophorus ferrugineus* Olivier\): Recent advances](#)
Gonzalez, F., Kharrat, S., Rodríguez, C., Calvo, C., Oehlschlager, A.C.
(2019) Arab Journal of Plant Protection, 37(2), pp. 178-187
75. [Is the use of entomopathogenic fungi a viable option for the control of Red Palm Weevil?](#)
El Bouhssini, M., Trissi, A.N., Kadour, Z.
(2019) Arab Journal of Plant Protection, 37(2), pp. 200-202
76. [Controversial aspects about red date palm weevil](#)
Al Ayedh, H.Y., AlJber, A.M.
(2019) Arab Journal of Plant Protection, 37(2), pp. 153-155
77. [Lethality of sesquiterpenes reprogramming red palm weevil detoxification mechanism for natural novel biopesticide development](#)
Hussain, A., Rizwan-Ul-Haq, M., AlJabr, A.M., Al-Ayedh, H.
(2019) Molecules, 24(9),1648
78. [Devices to detect red palm weevil infestation on palm species](#)
Massimo, P., Alberto, R.A., Roberto, M., Khalid, A.-R., Ali, A.-M.
(2018) Precision Agriculture, 19(6), pp. 1049-1061
79. [Effect of trap colour and stirring of contents of pheromone-baited traps on the capture of the adult red palm weevil in the United Arab Emirates](#)
Al-Saoud, A.H.
(2018) International Journal of Tropical Insect Science, 38(3), pp. 224-231



80. [Resistance to commonly used insecticides and phosphine fumigant in red palm weevil, *Rhynchophorus ferrugineus* \(Olivier\) in Pakistan](#)
Wakil, W., Yasin, M., Qayyum, M.A., (...), Bedford, G.O., Kwon, Y.J.
(2018) PLoS ONE, 13(7), e0192628
81. [Differential Proteomic Analysis of Date Palm Leaves Infested with the Red Palm Weevil \(Coleoptera: Curculionidae\)](#)
Rasool, K.G., Khan, M.A., Tufail, M., (...), Takeda, M., Aldawood, A.S.
(2018) Florida Entomologist, 101(2), pp. 290-298
82. [Genetic diversity among *Rhynchophorus ferrugineus* populations from Saudi Arabia and India](#)
Alhudaib, K., Ajlan, A., Faleiro, J.
(2018) Scientific Journal of King Faisal University, 19(1), pp. 57-64
83. [Biological control potential of two steinernematid species against the date fruit stalk borer \(*Oryctes elegans* Prell, Coleoptera: Scarabaeidae\)](#)
Atwa, A.A.
(2018) Journal of Insect Science, 18(3)
84. [Molecular Diagnosis And Comparison Study To The Red Palm Weevil *Rhynchophorus ferrugineus* \(Olivier, 1790\) In Basrah Province-Iraq | *محافظة في Rhynchophorus ferrugineus* \(Olivier, 1790 البصرة-العراق\) \[تشخيصية ومقارنة لحشرة سوسة النخيل الحمراء\]](#)
Al-Saad, L.A., Aletby, M.A.
(2018) Iraqi Journal of Agricultural Sciences, 49(2), pp. 228-234



85. [Silencing the odorant binding protein RferOBP1768 reduces the strong preference of Palm Weevil for the major aggregation pheromone compound ferrugineol](#)
Antony, B., Johny, J., Aldosari, S.A.
(2018) *Frontiers in Physiology*, 9(MAR),252
86. [Laboratory and field evaluation of the toxicity of oxamyl against the red palm weevil, rhynchophorus ferrugineus \(Olivier\)](#)
Alhewairini, S.S.
(2018) *Pakistan Journal of Zoology*, 50(1), pp. 249-256
87. [Physicochemical properties affects on different oil formulations on fungus metarhizium anisopliae for control of oryctes elegans](#)
Latifian, M.
(2018) *Journal of Entomology*, 15(2), pp. 83-92
88. [The optimal use of some types of natural food attractive as a tool to reduce the prediction and limit the spread of red palm weevil Rhynchophorus ferrugineus Olivier.](#)
Salem, S.A., Abd El-Salam, A.M.E., El-Kholy, M.Y.
(2018) *Bioscience Research*, 15(4), pp. 2911-2918
89. [Pheromone trapping system for Rhynchophorus ferrugineus in Saudi Arabia: Optimization of trap contents and placement](#)
Abdel-Azim, M.M., Aldosari, S.A., Mumtaz, R., Vidyasagar, P.S., Shukla, P.
(2017) *Emirates Journal of Food and Agriculture*, 29(12), pp. 936-948



90. [Toxicity and Detoxification Mechanism of Black Pepper and Its Major Constituent in Controlling *Rhynchophorus ferrugineus* Olivier \(Curculionidae: Coleoptera\)](#)
Hussain, A., Rizwan-ul-Haq, M., Al-Ayedh, H., Aljabr, A.M.
(2017) Neotropical Entomology, 46(6), pp. 685-693
91. [Disappearance and hazard quotient of chlorpyrifos-methyl, fipronil, and imidacloprid insecticides from dates](#)
Abbassy, M.A., Salim, Y.M.M., Shawir, M.S., Nassar, A.M.K.
(2017) Journal fur Verbraucherschutz und Lebensmittelsicherheit, 12(3), pp. 223-230
92. [Evaluation of the efficacy of insecticidal coatings based on teflutrin and chlorpyrifos against *Rhynchophorus ferrugineus*](#)
Pugliese, M., Rettori, A.A., Martinis, R., (...), Moideen, M.A., Al-Maashi, A.
(2017) Pest Management Science, 73(8), pp. 1737-1742
93. [Potential role of microbial pathogens in control of red palm weevil \(*Rhynchophorus ferrugineus*\) - A Review](#)
Yasin, M., Wakil, W., El-Shafie, H.A.F., Bedford, G.O., Miller, T.A.
(2017) Entomological Research, 47(4), pp. 219-234
94. [Optimizing components of pheromone-baited trap for the management of red palm weevil, *Rhynchophorus ferrugineus* \(Coleoptera: Curculionidae\) in date palm agro-ecosystem](#)
El-Shafie, H.A.F., Faleiro, J.R.
(2017) Journal of Plant Diseases and Protection, 124(3), pp. 279-287



95. [Arthropod pests of date palm and their management](#)
El-Shafie, H.A.F., Abdel-Banat, B.M.A., Al-Hajhoj, M.R.
(2017) CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 12, pp. 1-18
96. [Impact of gamma radiation on male proboscis of Rhynchophorus ferrugineus \(Olivier, 1790\) \(Coleoptera: Curculionidae\)](#)
Mahmoud, E.A., Gabarty, A.
(2017) Journal of the Entomological Research Society, 19(2), pp. 53-65
97. [Field evaluation of mineral oils and inorganic salts with insecticides and light traps against the red palm weevil, Rhynchophorus ferrugineus Olivier](#)
Mogahed, M.I., Sharaby, A.
(2017) Journal of Entomological Research, 41(2), pp. 107-112
98. [Insecticidal potency of RNAi-based catalase knockdown in Rhynchophorus ferrugineus \(Olivier\) \(Coleoptera: Curculionidae\)](#)
Al-Ayedh, H., Rizwan-Ul-Haq, M., Hussain, A., Aljabr, A.M.
(2016) Pest management science, 72(11), pp. 2118-2127



99. [Acoustic detection of rhynchophorus ferrugineus \(Coleoptera: Dryophthoridae\) and Oryctes elegans \(Coleoptera: Scarabaeidae\) in phoenix dactylifera \(Arecales: Arecaceae\) trees and offshoots in Saudi Arabian Orchards](#)
Mankin, R.W., Al-Ayedh, H.Y., Aldryhim, Y., Rohde, B.
(2016) Journal of Economic Entomology, 109(2), pp. 622-628
100. [Spinosad induces antioxidative response and ultrastructure changes in males of red palm weevil rhynchophorus ferrugineus \(Coleoptera: Dryophthoridae\)](#)
Abdelsalam, S.A., Alzahrani, A.M., Elmenshawy, O.M., Abdel-Moneim, A.M.
(2016) Journal of Insect Science, 16(1),iew089
101. [Field evaluation of red palm weevilrhynchophorus ferrugineus oliv. \(Coleoptera: Curculionidae\) responses to its fermenting date tree volatiles](#)
Salem, S.A., Abd El-Salam, A.M.E., El-Kholy, M.Y.
(2016) International Journal of ChemTech Research, 9(5), pp. 12-17
102. [Impact of date palm borer species in Iraqi agroecosystems](#)
Khalaf, M.Z., Alrubiae, H.F.
(2016) Emirates Journal of Food and Agriculture, 28(1), pp. 52-57
103. [Review on the management of red palm weevil Rhynchophorus ferrugineus olivier in date palm Phoenix dactylifera L](#)
Al-Dosary, N.M.N., Al-Dobai, S., Faleiro, J.R.
(2016) Emirates Journal of Food and Agriculture, 28(1), pp. 34-44



104. [How Far Can the Red Palm Weevil \(Coleoptera: Curculionidae\) Fly?: Computerized Flight Mill Studies with Field-Captured Weevils](#)
Hoddle, M.S., Hoddle, C.D., Faleiro, J.R., (...), Jeske, D.R., Sallam, A.A.
(2015) Journal of Economic Entomology, 108(6), pp. 2599-2609
105. [Diel flight activity patterns of the red palm weevil \(Coleoptera: Curculionidae\) as monitored by smart traps](#)
Aldryhim, Y.N., Al Ayedh, H.Y.
(2015) Florida Entomologist, 98(4), pp. 1019-1024
106. [Effect of date palm cultivar on fecundity and development of Rhynchophorus ferrugineus](#)
Al-Nujiban, A.A., Aldosari, S.A., Al Suhaibani, A.M., (...), Mostafa Ibrahim, S.M., Shukla, P.
(2015) Bulletin of Insectology, 68(2), pp. 199-206
107. [Application of laser induced breakdown spectroscopy in early detection of red palm weevil: \(Rhynchophorus ferrugineus\) infestation in date palm](#)
Farooq, W.A., Rasool, K.G., Tawfik, W., Aldawood, A.S.
(2015) Plasma Science and Technology, 17(11), pp. 948-952
108. [Identification of proteins modulated in the date palm stem infested with red palm weevil \(Rhynchophorus ferrugineus oliv.\) using two dimensional differential gel electrophoresis and mass spectrometry](#)
Rasool, K.G., Khan, M.A., Aldawood, A.S., (...), Mukhtar, M., Takeda, M.
(2015) International Journal of Molecular Sciences, 16(8), pp. 19326-19346



109. [Potentials for early detection of red palm weevil \(Coleoptera: Curculionidae\)-infested date palm \(Arecaceae\) using temperature differentials](#)
El-Faki, M.S., El-Shafie, H.A.F., Al-Hajhoj, M.B.R.
(2015) Canadian Entomologist, 148(2), pp. 239-245
110. [Does oryctes elegans \(coleoptera: Scarabaeidae\) abundance determine future abundance of rhynchophorus ferrugineus \(coleoptera: Rhynchophoridae\) in the date palms of Saudi Arabia?](#)
Al-Ayedh, H.Y., Al Dhafer, H.M.
(2015) African Entomology, 23(1), pp. 43-47
111. [Biology, ecology and management of the longhorn date palm stem borer Jebusaea hammerschmidtii \(Coleoptera: Cerambycidae\)](#)
El-Shafie, H.A.F.
(2015) Outlooks on Pest Management, 26(1), pp. 20-23

