



ENHANCED SURVEILLANCE AND DIAGNOSTIC CAPABILITIES

ASF field surveillance

South Africa

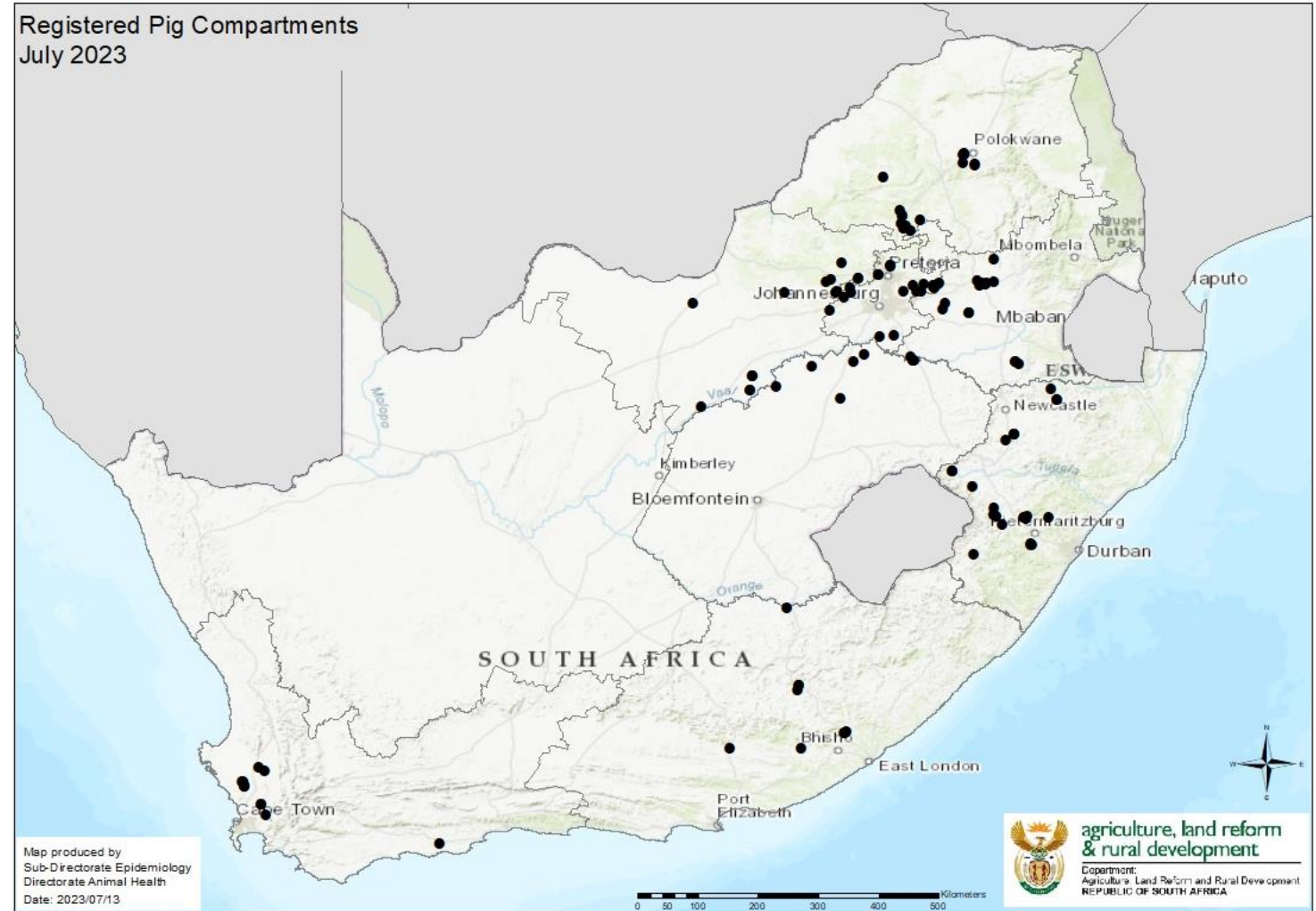
2 August 2023





Introduction

- Mostly passive surveillance
 - Nature of the disease
- Active surveillance in compartments
 - Visited by vet every month
 - Serology every 6 months
- Previous national pig surveys
 - ASF serology
 - 2009
 - 2013



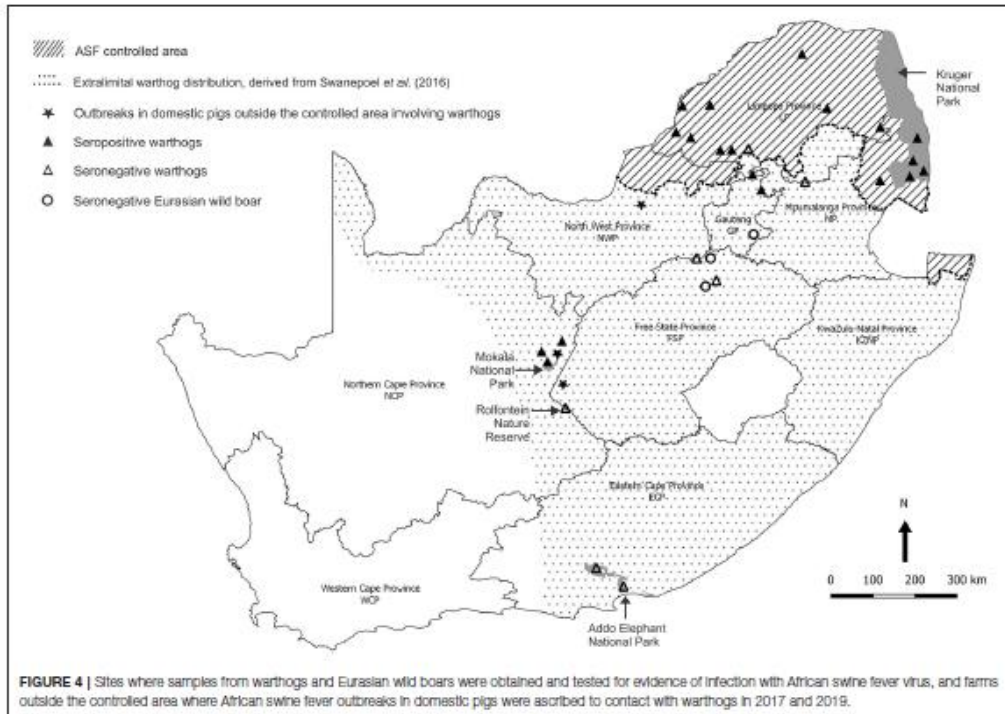


- Various research projects
 - Especially wildlife



Extension of Sylvatic Circulation of African Swine Fever Virus in Extralimital Warthogs in South Africa

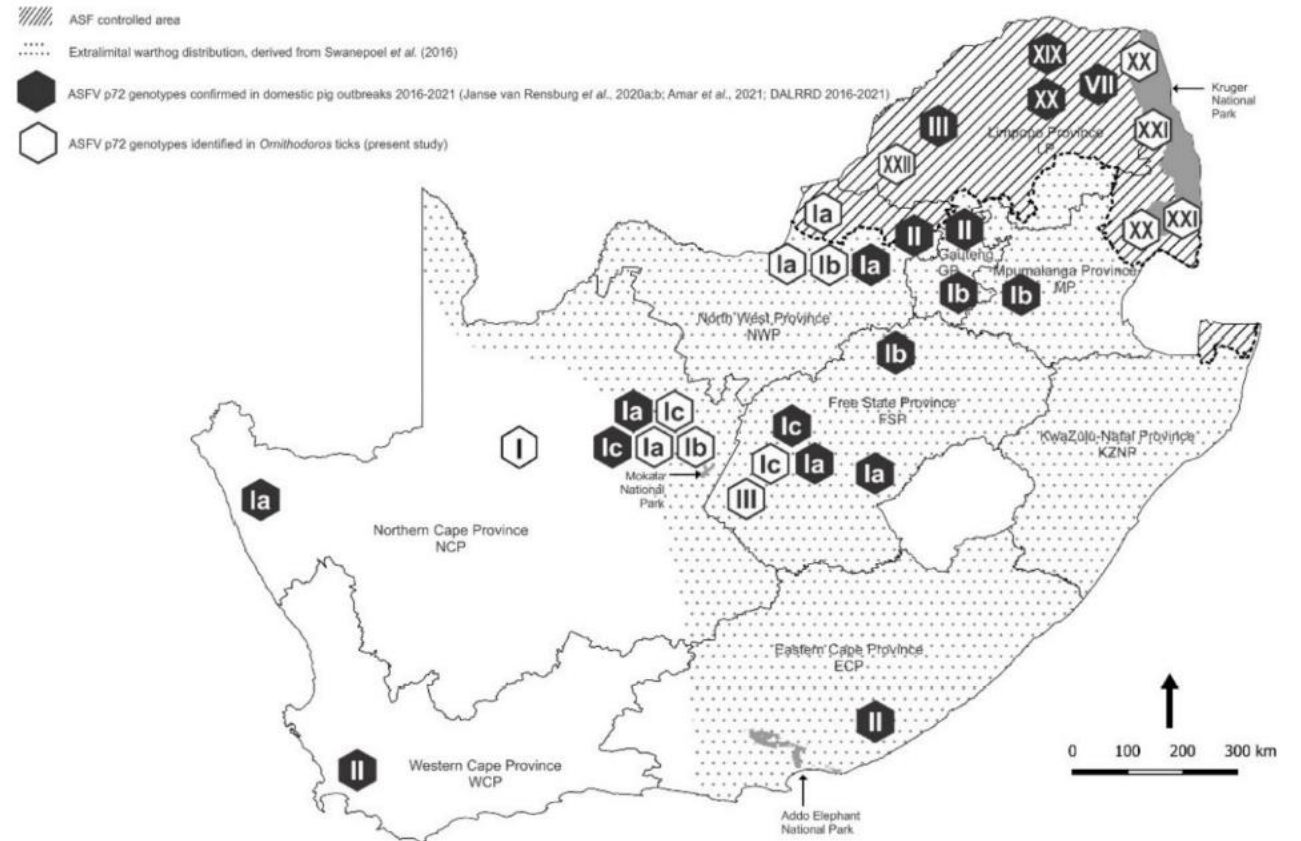
Anthony F. Craig¹, Mathilde L. Schade-Weskott^{1†}, Henry J. Harris², Livio Heath², Gideon J. P. Kriel³, Lin-Mari de Klerk-Lorist⁴, Louis van Schalkwyk^{1,4,5}, Peter Buss⁶, Jessie D. Trujillo⁷, Jan E. Crafford¹, Juergen A. Richt^{1,7} and Robert Swanepoel^{1*}



Article

Detection of African Swine Fever Virus in *Ornithodoros* Tick Species Associated with Indigenous and Extralimital Warthog Populations in South Africa

Anthony F. Craig¹, Mathilde L. Schade-Weskott^{1,†}, Thapelo Rametse², Livio Heath², Gideon J. P. Kriel³, Lin-Mari de Klerk-Lorist⁴, Louis van Schalkwyk^{1,4,5}, Jessie D. Trujillo⁶, Jan E. Crafford¹, Juergen A. Richt^{1,6,*} and Robert Swanepoel¹





Small/non-commercial sector surveillance

- Do awareness events at known communal/peri-urban pig keeping areas to sensitise on clinical signs and prevention info and give contact info
- Small-holders/semi-commercial farms the AHTs goes and does census and clinical surveillance (as well as awareness)
- If suspect reported - vet services goes and takes samples
- Also ante- & post-mortem inspections at abattoirs





Training for officials

TAKING SAMPLES FOR ASF

Maintain strict biosecurity when visiting farms

In an outbreak situation need samples for PCR:

- organ/lymph node samples
(fresh but kept cool or frozen)

Serology only of limited use to determine exposure following an outbreak
(most pigs die before seroconversion)

Samples sent to OVR in leakproof containers

Please send copy of the submission form and to epidemiology@dalrrd.gov.za with the complete history on the back of the form



ONDERSTEEPOORT VETERINARY INSTITUTE
Delivery address: M 25 Soutpan Road, ONDERSTEEPOORT, 0110, SOUTH AFRICA
Private Bag X5, ONDERSTEEPOORT, 0110 South Africa
Tel: (012) 526 9272/3/4 Fax: (012) 526 9275
E-mail: d.agreg@arc.agric.za

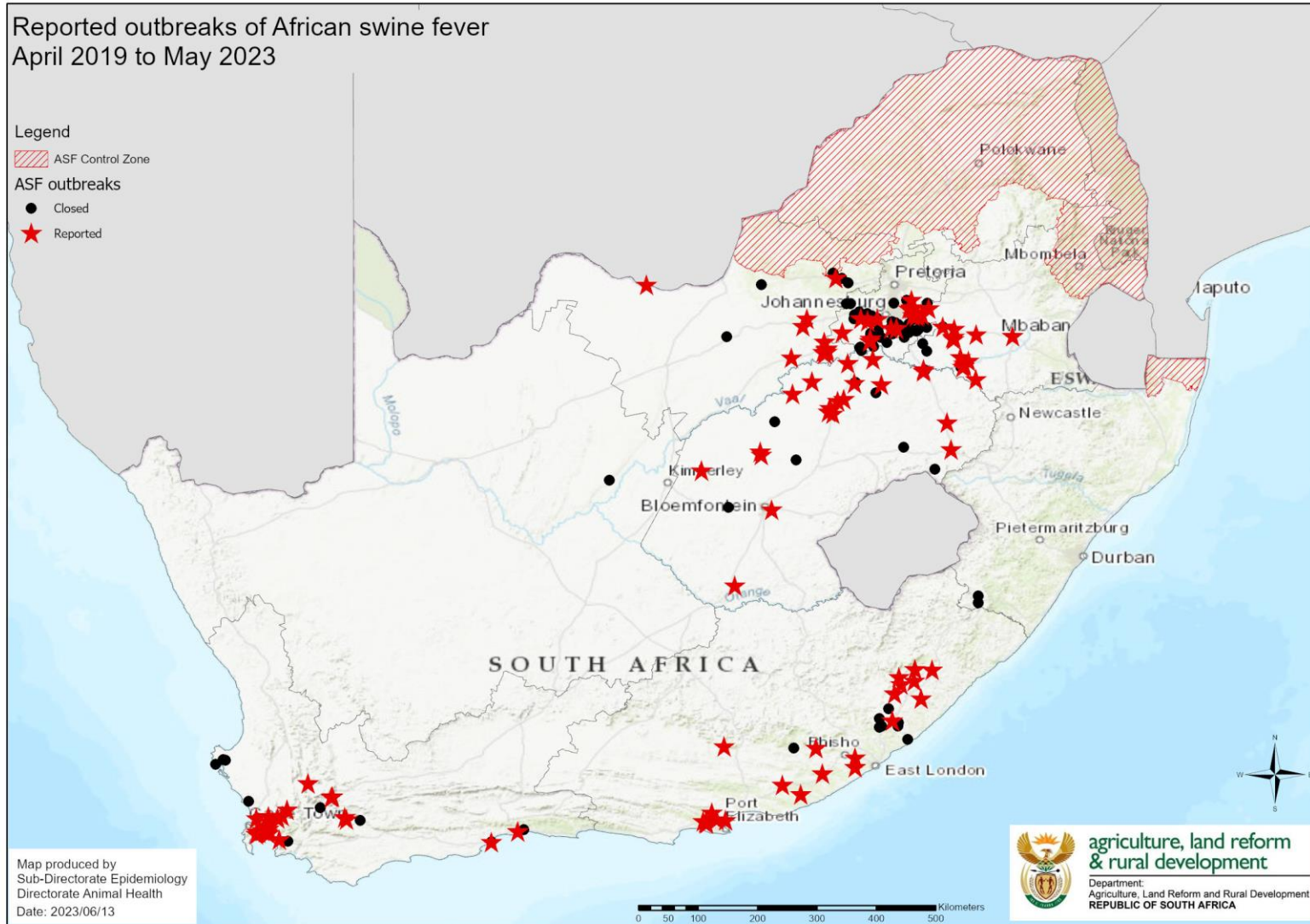
SUBMISSION FORM FOR SAMPLE TESTING

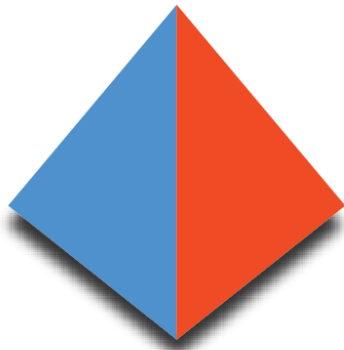
Disclaimer
1. The ARC will commence testing only if this form is completed in full. Testing will be delayed until an information as required by DAFF is provided. Once the turnaround time will commence. All samples will be analyzed subject to the Animal Disease Act, 3584 (Act No. 36 of 1984), ALL FIELDS ARE MANDATORY AND MUST BE COMPLETED WITH EVERY SUBMISSION.
2. If someone other than the sender is responsible for payment the relevant contact details and signature should appear on the form.

Sender Ref:		Date:	Lab No:	Time delivered:	
SENDER	TITLE	INITIALS	PERSON/ORGANIZATION RESPONSIBLE FOR THE ACCOUNT	TITLE	INITIALS
Surname:			Surname:		
Clinic/Company Name:			Clinic/Company Name:		
Postal address:			Postal address:		
Tel:			Tel:		
Fax:			Fax:		
Mobile number:			E-mail:		
BICHD			NAME PRINTED		
OWNER (IF APPLICABLE)			INITIALS		
<p>PLEASE NOTE: DAFF will not consider payment for any confirmed disease tests if this section is not completed in full and notification is completed on back of form. Source of this constitutes fraud. The State Veterinarian will be copied on the results.</p>					
STATE VETERINARIAN	TITLE	INITIALS	DATE:	PHYSICAL ADDRESS:	
Surname:			Physical address:		
Postal address:			Province:		
Province and State (if Any):			Tel:		
Surveillance program:			Fax:		
Signature of State Vet:			Registered farm name and number: Town/Village		
Tel:			Coordinates: EAST		
FSC:			SOUTH		
E-mail:			Form should also display official DV stamp		
ANIMAL(S)			TEST(S) REQUIRED		
Species:					
Number of animal sampled or microchip number:					
Age:					
Sex: Male / Female (neutered/spayed)					
Type of specimen:					
Purpose for testing: (e.g. surveillance/suspected outbreak/outbreak, export, etc.) (Required field)					
Number of specimens:					
Collection date:					
<p>Disclaimer</p> <p>1. The ARC reserves the right to refuse the acceptance and testing of unreliable samples. See also point 1 on the top of this page.</p> <p>2. The ARC does not accept responsibility for the damage of samples in route to the Diagnostic/Registration office.</p> <p>3. The acceptance of samples at Diagnostic/Registration office does not guarantee the suitability of samples for testing.</p> <p>4. The ADG reserves the right not to test the samples if the Sample Submission form is not signed.</p> <p>5. The ADG refuses testing if the client's account is overdue for more than sixty (60) days or the credit limit is exceeded. If the client does not have an account, arrangements for payment shall be made in advance before testing will be start.</p> <p>6. The sender will be held responsible for the account if not otherwise instructed.</p>					
FOR OFFICE USE ONLY		Authorized by DAFF (payment (control and notifiable diseases only))			
Name:	Signature:	Date:	Official DAFF stamp		



Positives from Apr 2019 – June 2023





GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES

Africa



Food and Agriculture
Organization of the
United Nations



World Organisation
for Animal Health
Founded as OIE

African Union 