

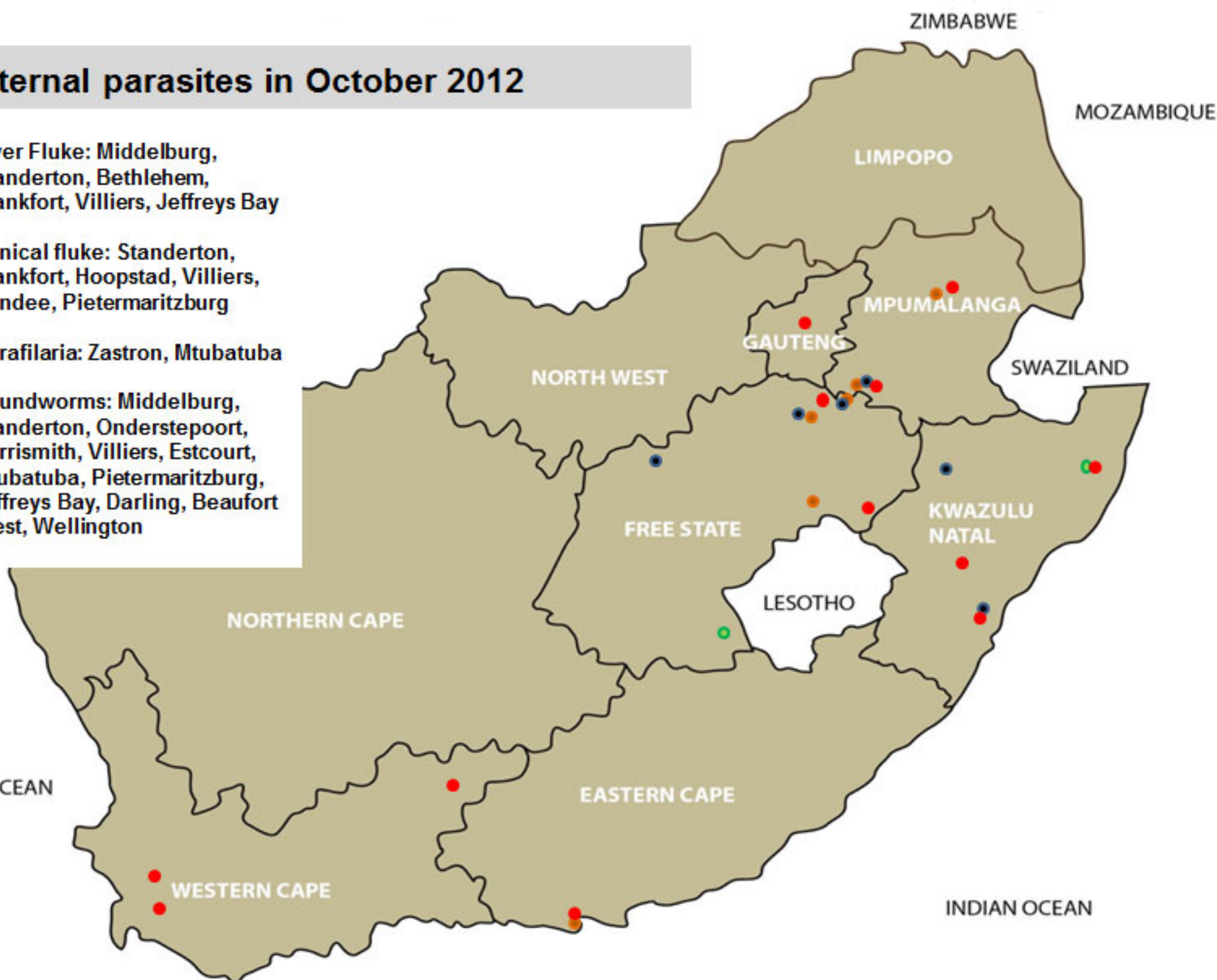
# Internal parasites in October 2012

● Liver Fluke: Middelburg, Standerton, Bethlehem, Frankfort, Villiers, Jeffreys Bay

● Conical fluke: Standerton, Frankfort, Hoopstad, Villiers, Dundee, Pietermaritzburg

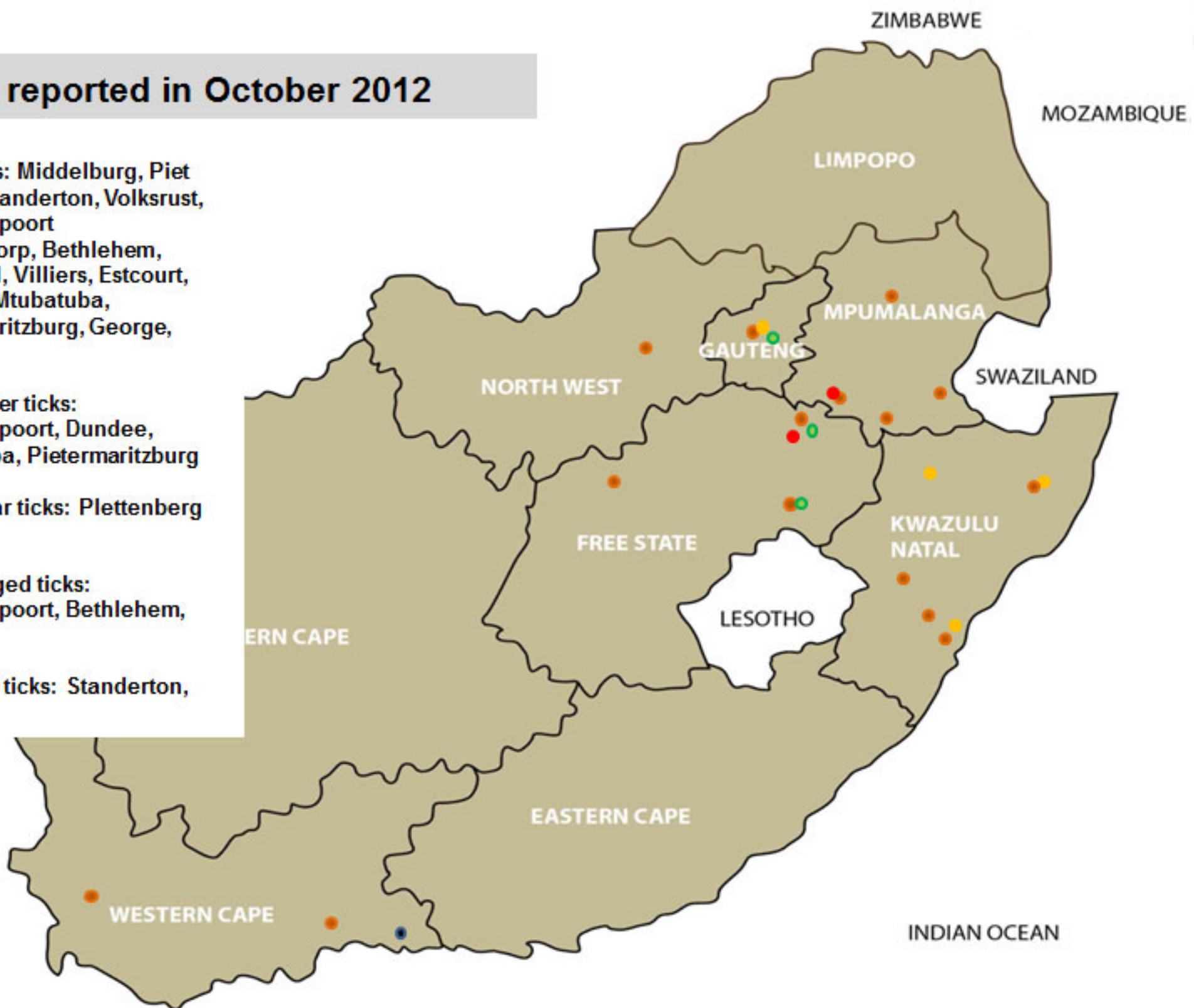
● Parafilaria: Zastron, Mtubatuba

● Roundworms: Middelburg, Standerton, Onderstepoort, Harrismith, Villiers, Estcourt, Mtubatuba, Pietermaritzburg, Jeffreys Bay, Darling, Beaufort West, Wellington



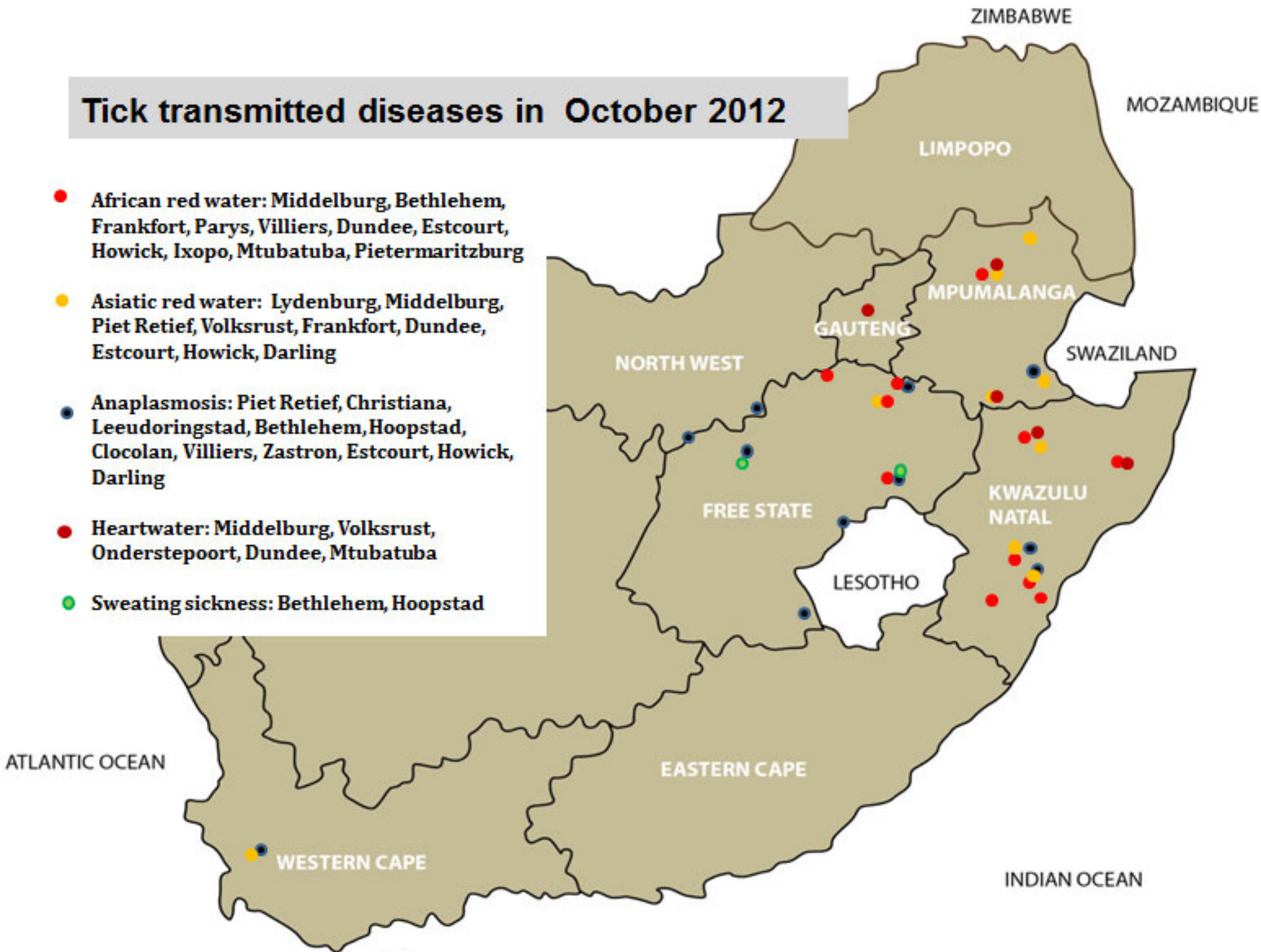
## Ticks reported in October 2012

- Blue ticks: Middelburg, Piet Retief, Standerton, Volksrust, Onderstepoort, Ventersdorp, Bethlehem, Hoopstad, Villiers, Estcourt, Howick, Mtubatuba, Pietermaritzburg, George, Darling
- Heartwater ticks: Onderstepoort, Dundee, Mtubatuba, Pietermaritzburg
- Brown Ear ticks: Plettenberg Bay
- Bont legged ticks: Onderstepoort, Bethlehem, Villiers
- Paralysis ticks: Standerton, Villiers



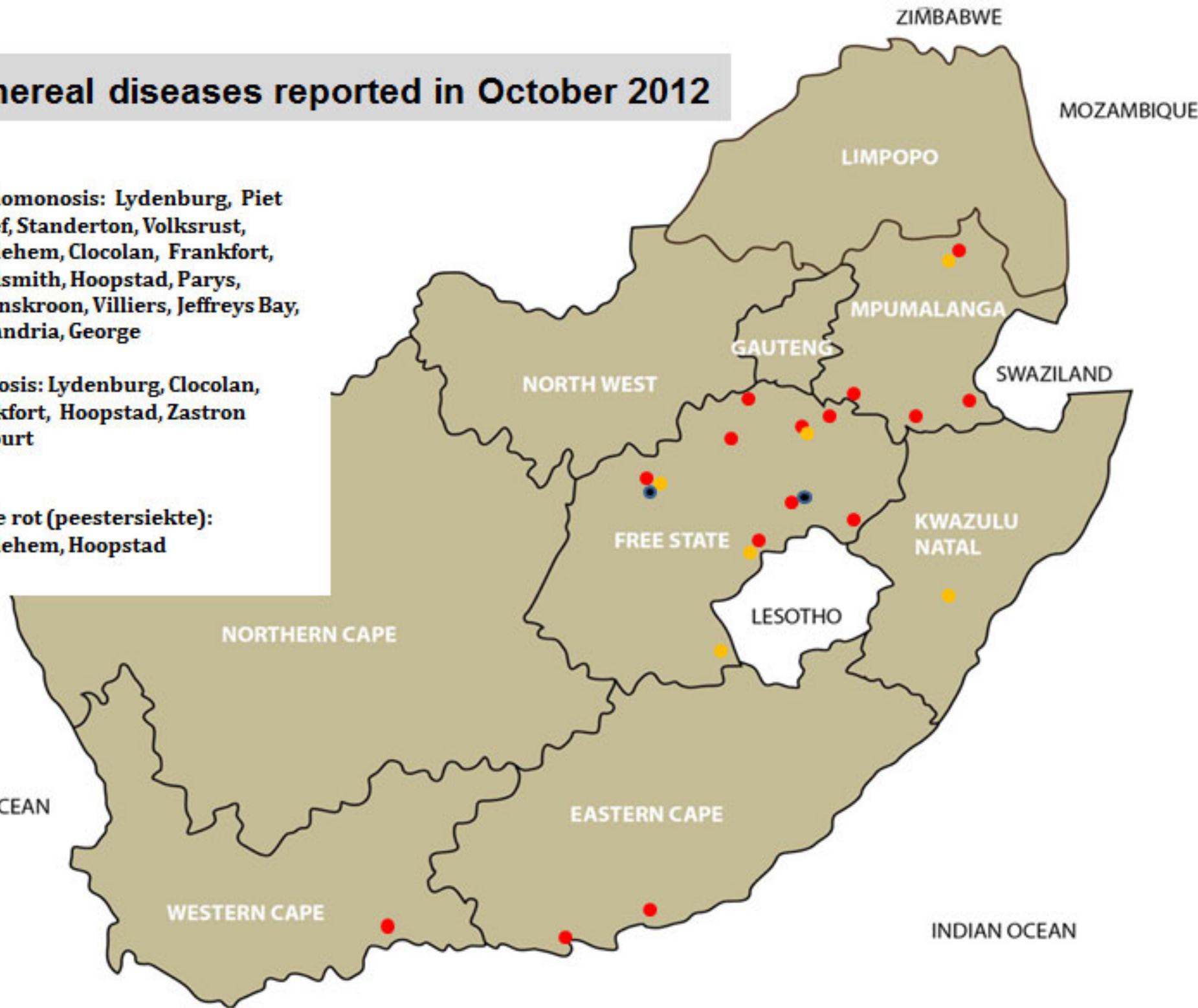
## Tick transmitted diseases in October 2012

- **African red water:** Middelburg, Bethlehem, Frankfort, Parys, Villiers, Dundee, Estcourt, Howick, Ixopo, Mtubatuba, Pietermaritzburg
- **Asiatic red water:** Lydenburg, Middelburg, Piet Retief, Volksrust, Frankfort, Dundee, Estcourt, Howick, Darling
- **Anaplasmosis:** Piet Retief, Christiana, Leeudoringstad, Bethlehem, Hoopstad, Clocolan, Villiers, Zastron, Estcourt, Howick, Darling
- **Heartwater:** Middelburg, Volksrust, Onderstepoort, Dundee, Mtubatuba
- **Sweating sickness:** Bethlehem, Hoopstad



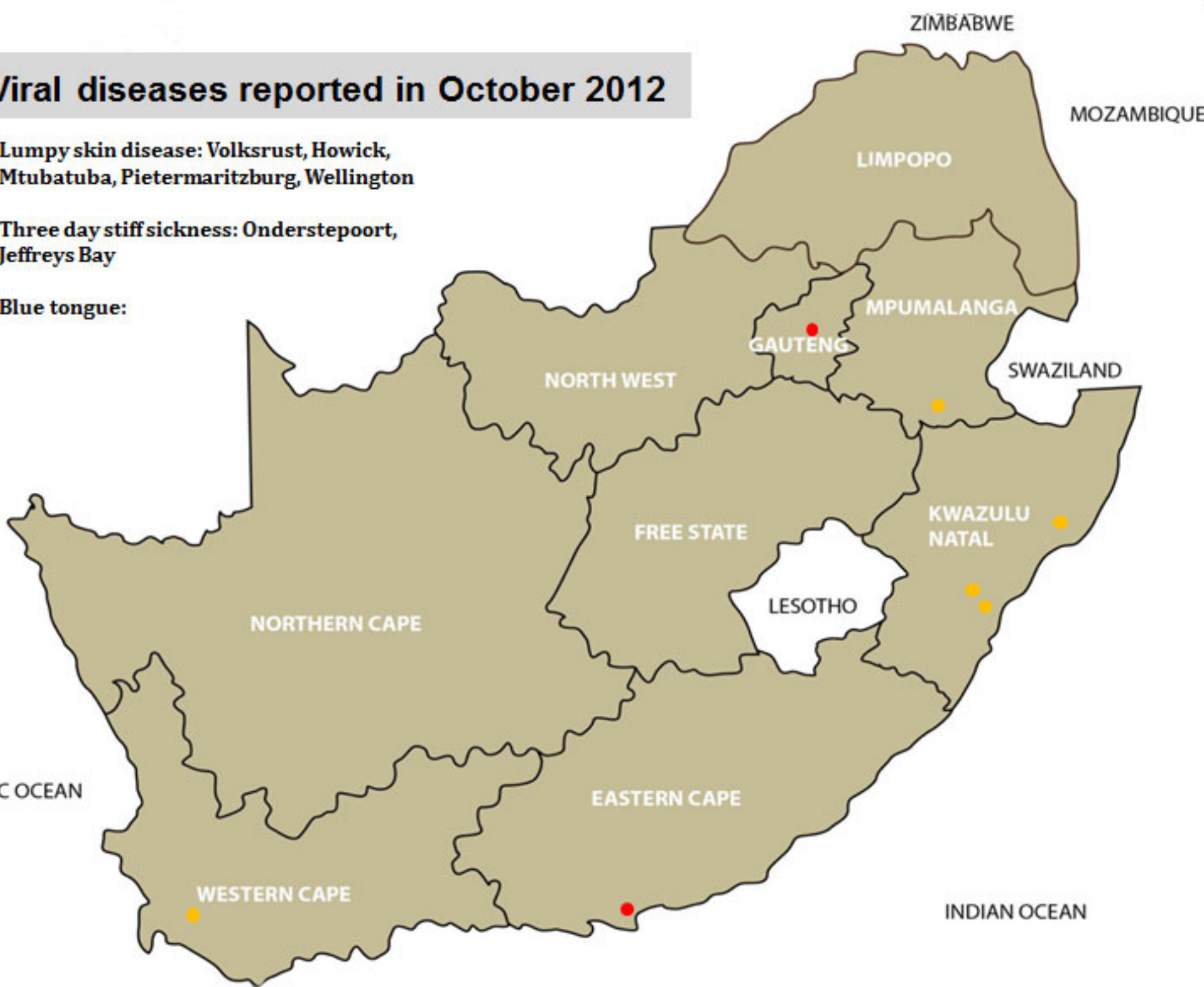
## Venereal diseases reported in October 2012

- **Trichomonosis:** Lydenburg, Piet Retief, Standerton, Volksrust, Bethlehem, Clocolan, Frankfort, Harrismith, Hoopstad, Parys, Vijoenskroon, Villiers, Jeffreys Bay, Alexandria, George
- **Vibriosis:** Lydenburg, Clocolan, Frankfort, Hoopstad, Zastron Estcourt
- **Pizzle rot (peestersiekte):** Bethlehem, Hoopstad



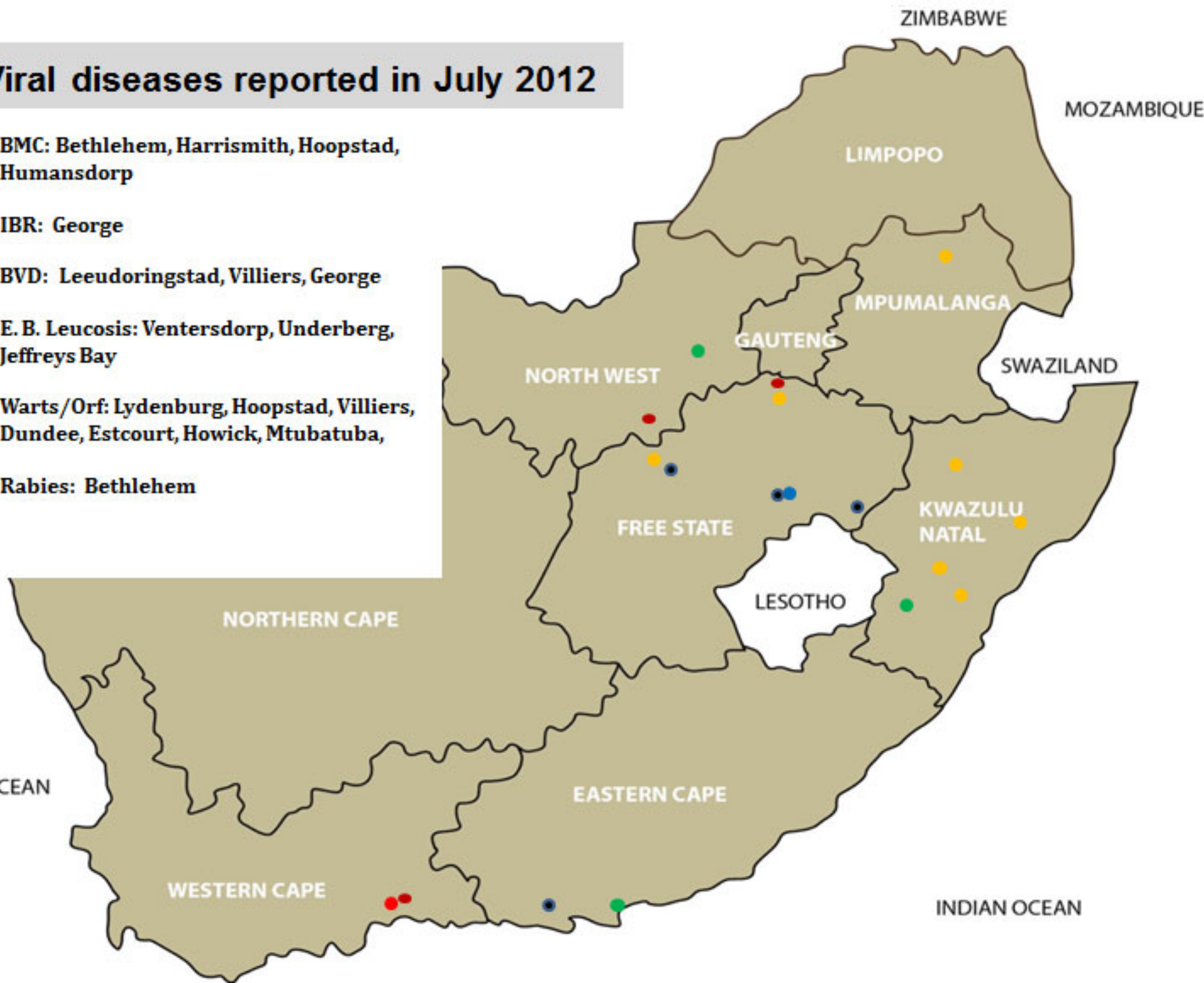
## Viral diseases reported in October 2012

- Lumpy skin disease: Volksrust, Howick, Mtubatuba, Pietermaritzburg, Wellington
- Three day stiff sickness: Onderstepoort, Jeffreys Bay
- Blue tongue:



## Viral diseases reported in July 2012

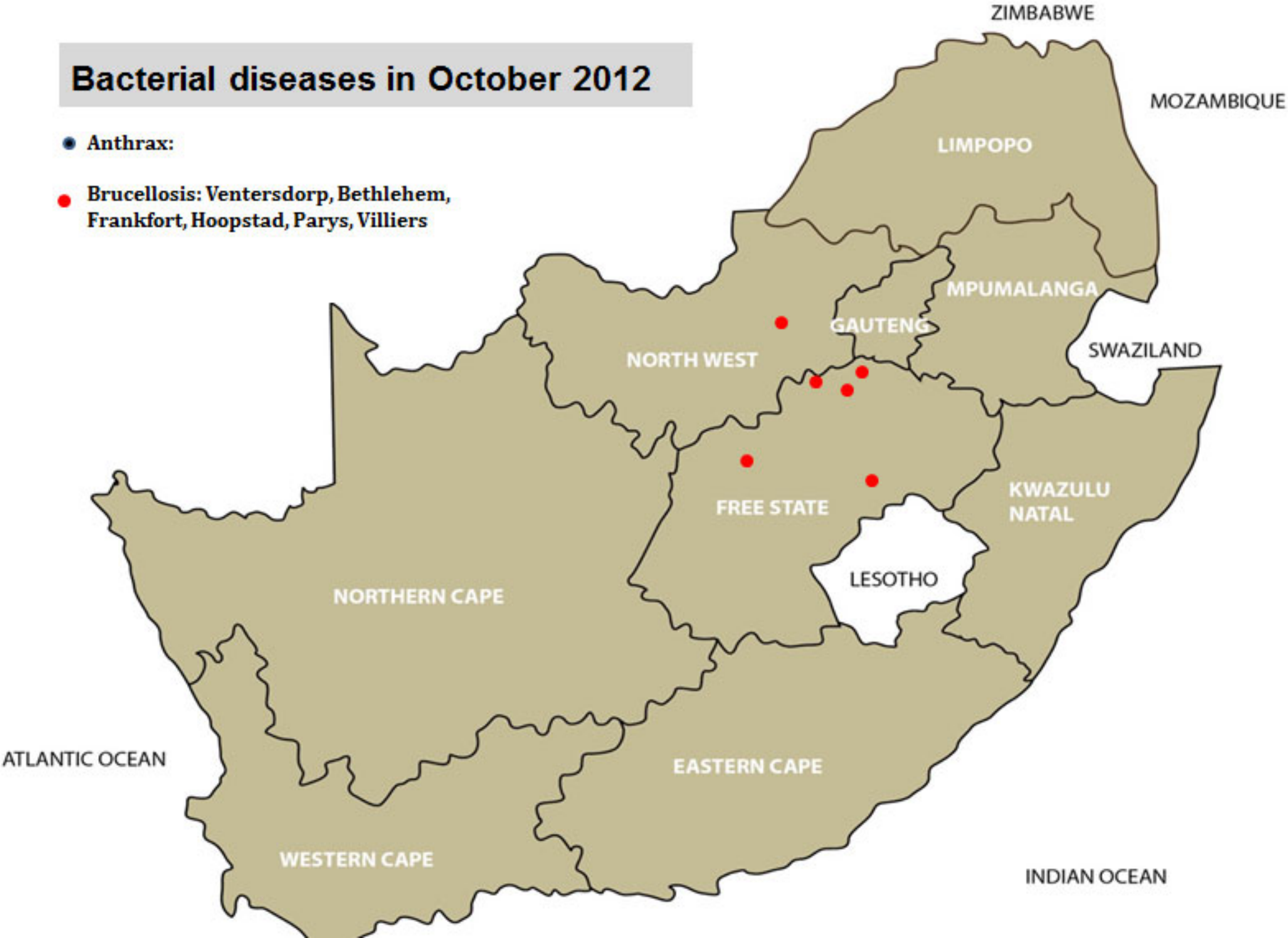
- **BMC:** Bethlehem, Harrismith, Hoopstad, Humansdorp
- **IBR:** George
- **BVD:** Leeudoringstad, Villiers, George
- **E. B. Leucosis:** Ventersdorp, Underberg, Jeffreys Bay
- **Warts/Orf:** Lydenburg, Hoopstad, Villiers, Dundee, Estcourt, Howick, Mtubatuba,
- **Rabies:** Bethlehem



# Bacterial diseases in October 2012

● Anthrax:

● Brucellosis: Ventersdorp, Bethlehem, Frankfort, Hoopstad, Parys, Villiers



## Bacterial diseases reported in October 2012

- Gas gangrene: Harrismith, Parys, Villiers, Dundee, Howick, Beaufort-West
- Swelled head: Piet Retief
- Uterine gangrene: Calvinia
- Red gut/ Blood gut: Bethlehem, Clocolan, Villiers, Mtubatuba, Alexandria
- Pulpy kidney: Hoopstad, Villiers
- Botulism: Hoopstad

