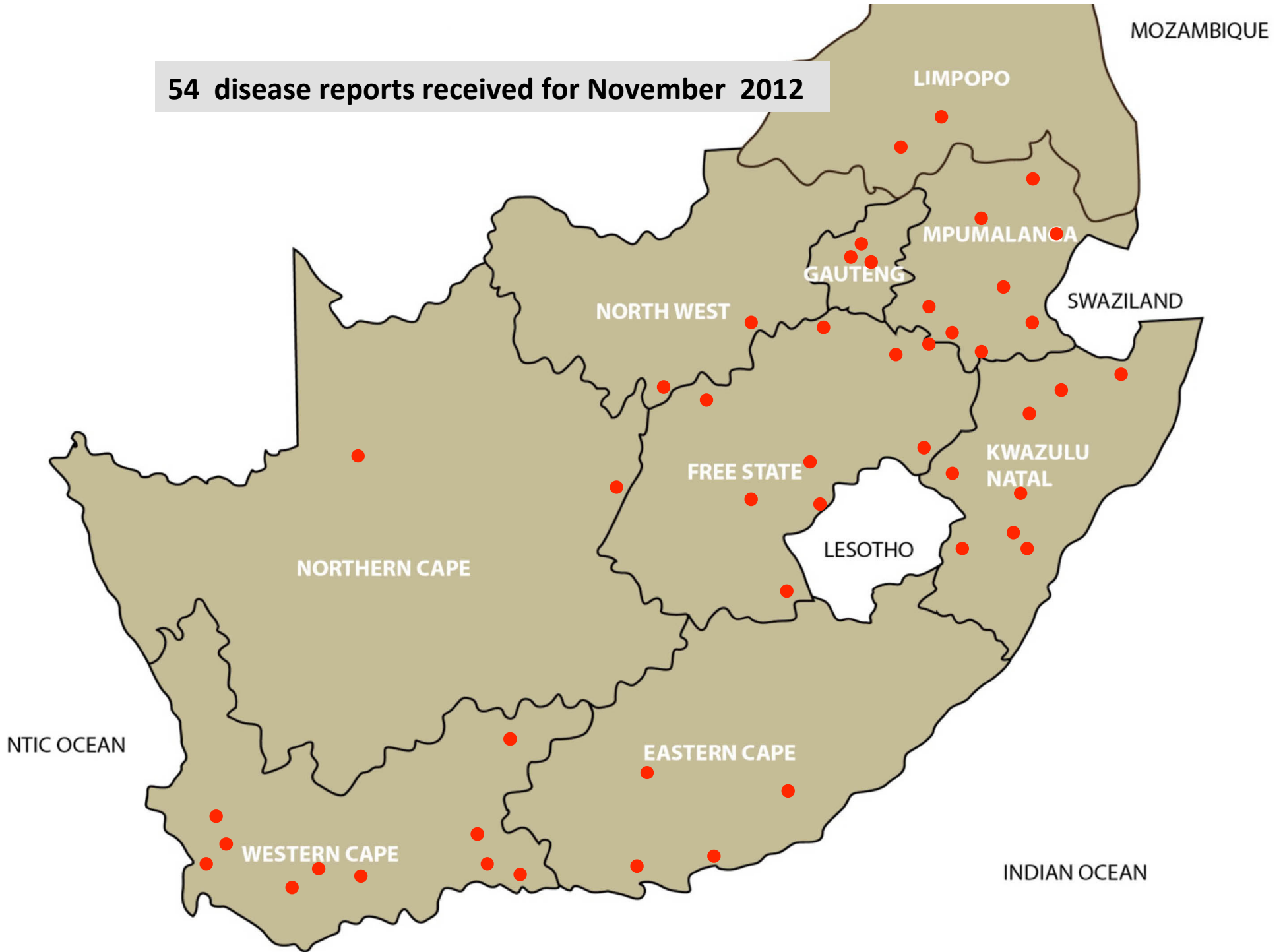
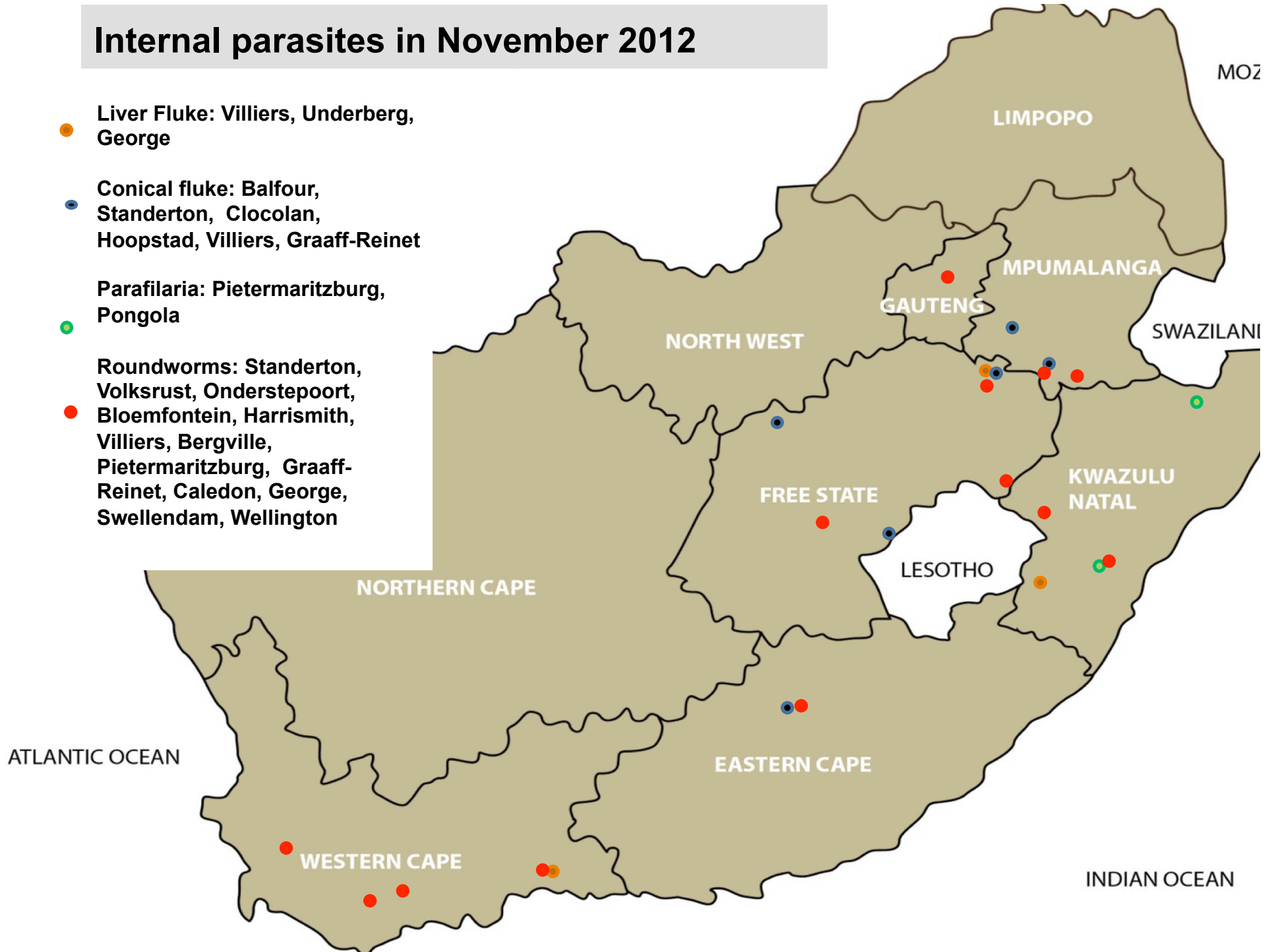


**54 disease reports received for November 2012**



# Internal parasites in November 2012

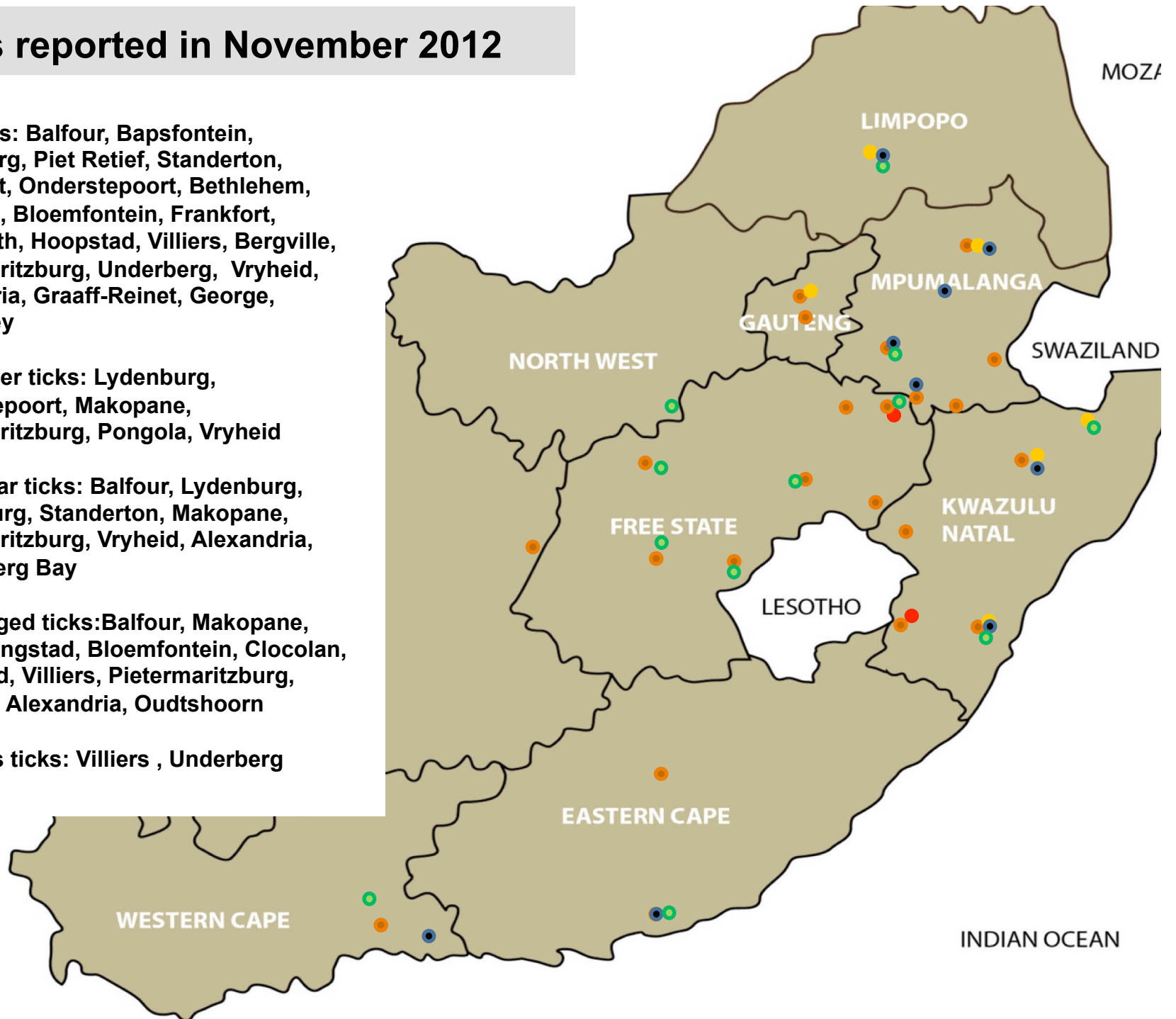
- Liver Fluke: Villiers, Underberg, George
- Conical fluke: Balfour, Standerton, Clocolan, Hoopstad, Villiers, Graaff-Reinet
- Parafilaria: Pietermaritzburg, Pongola
- Roundworms: Standerton, Volksrust, Onderstepoort, Bloemfontein, Harrismith, Villiers, Bergville, Pietermaritzburg, Graaff-Reinet, Caledon, George, Swellendam, Wellington



# Ticks reported in November 2012

- Blue ticks: Balfour, Bapsfontein, Lydenburg, Piet Retief, Standerton, Volksrust, Onderstepoort, Bethlehem, Clocolan, Bloemfontein, Frankfort, Harrismith, Hoopstad, Villiers, Bergville, Pietermaritzburg, Underberg, Vryheid, Alexandria, Graaff-Reinet, George, Kimberley
- Heartwater ticks: Lydenburg, Onderstepoort, Makopane, Pietermaritzburg, Pongola, Vryheid
- Brown Ear ticks: Balfour, Lydenburg, Middelburg, Standerton, Makopane, Pietermaritzburg, Vryheid, Alexandria, Plettenberg Bay
- Bont legged ticks: Balfour, Makopane, Leeudoringstad, Bloemfontein, Clocolan, Hoopstad, Villiers, Pietermaritzburg, Pongola, Alexandria, Oudtshoorn
- Paralysis ticks: Villiers, Underberg

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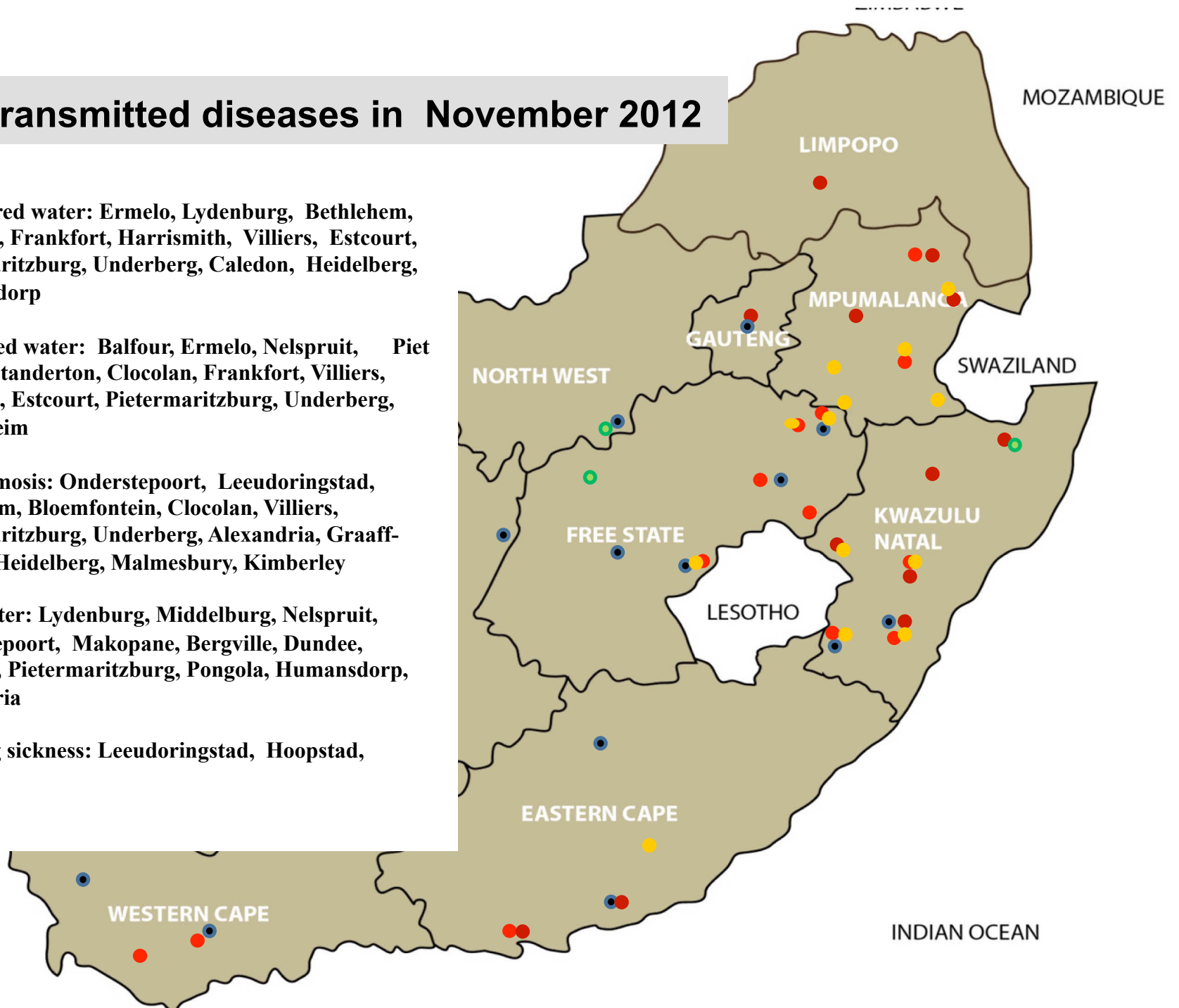


INDIAN OCEAN

## Tick transmitted diseases in November 2012

- African red water: Ermelo, Lydenburg, Bethlehem, Clocolan, Frankfort, Harrismith, Villiers, Estcourt, Pietermaritzburg, Underberg, Caledon, Heidelberg, Humansdorp
- Asiatic red water: Balfour, Ermelo, Nelspruit, Piet Retief, Standerton, Clocolan, Frankfort, Villiers, Bergville, Estcourt, Pietermaritzburg, Underberg, Stutterheim
- Anaplasmosis: Onderstepoort, Leeudoringstad, Bethlehem, Bloemfontein, Clocolan, Villiers, Pietermaritzburg, Underberg, Alexandria, Graaff-Reinet, Heidelberg, Malmesbury, Kimberley
- Heartwater: Lydenburg, Middelburg, Nelspruit, Onderstepoort, Makopane, Bergville, Dundee, Estcourt, Pietermaritzburg, Pongola, Humansdorp, Alexandria
- Sweating sickness: Leeudoringstad, Hoopstad, Pongola

ATLANTIC

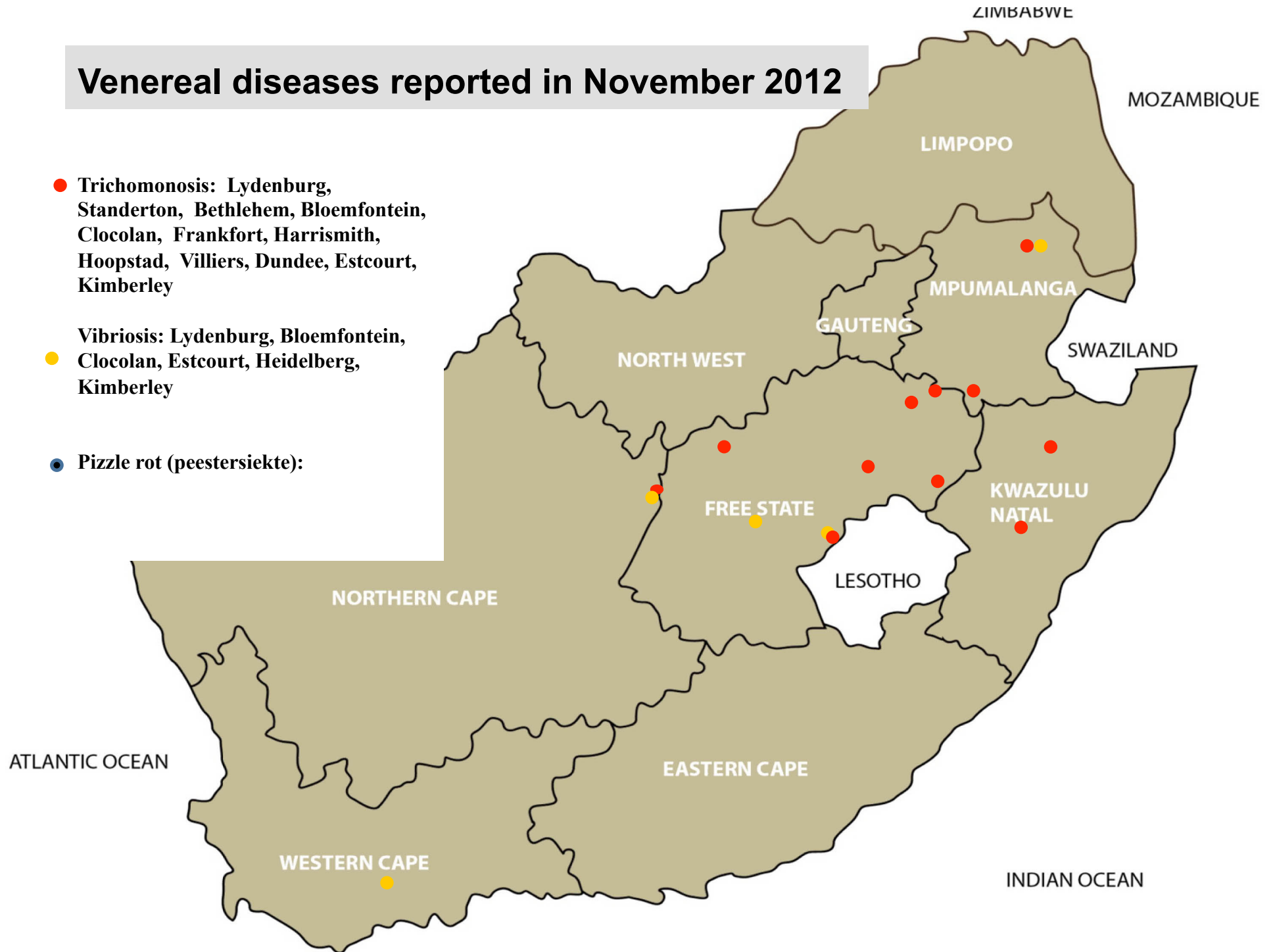


# Venereal diseases reported in November 2012

● **Trichomonosis:** Lydenburg, Standerton, Bethlehem, Bloemfontein, Clocolan, Frankfort, Harrismith, Hoopstad, Villiers, Dundee, Estcourt, Kimberley

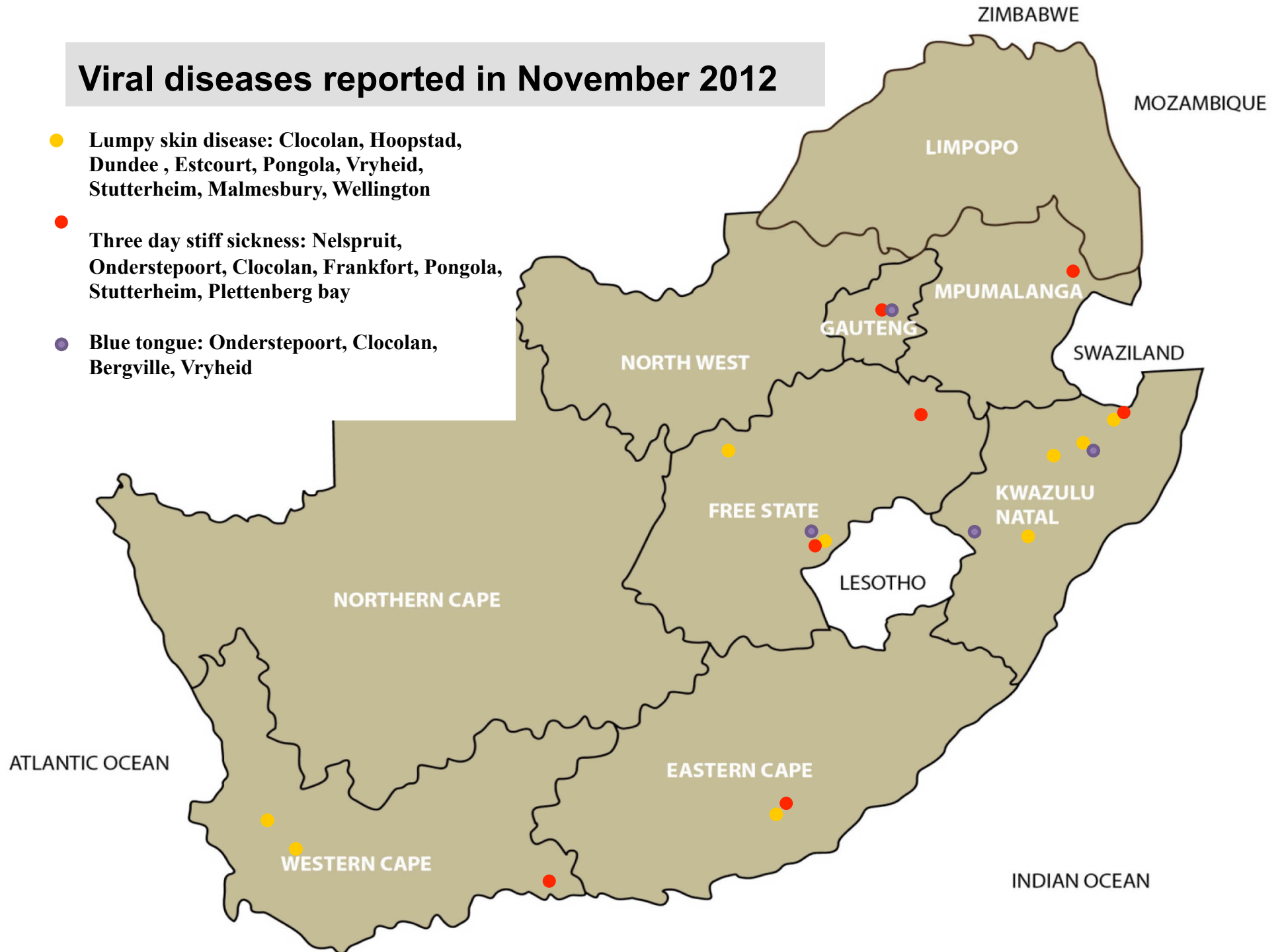
● **Vibriosis:** Lydenburg, Bloemfontein, Clocolan, Estcourt, Heidelberg, Kimberley

● **Pizzle rot (peestersiekte):**



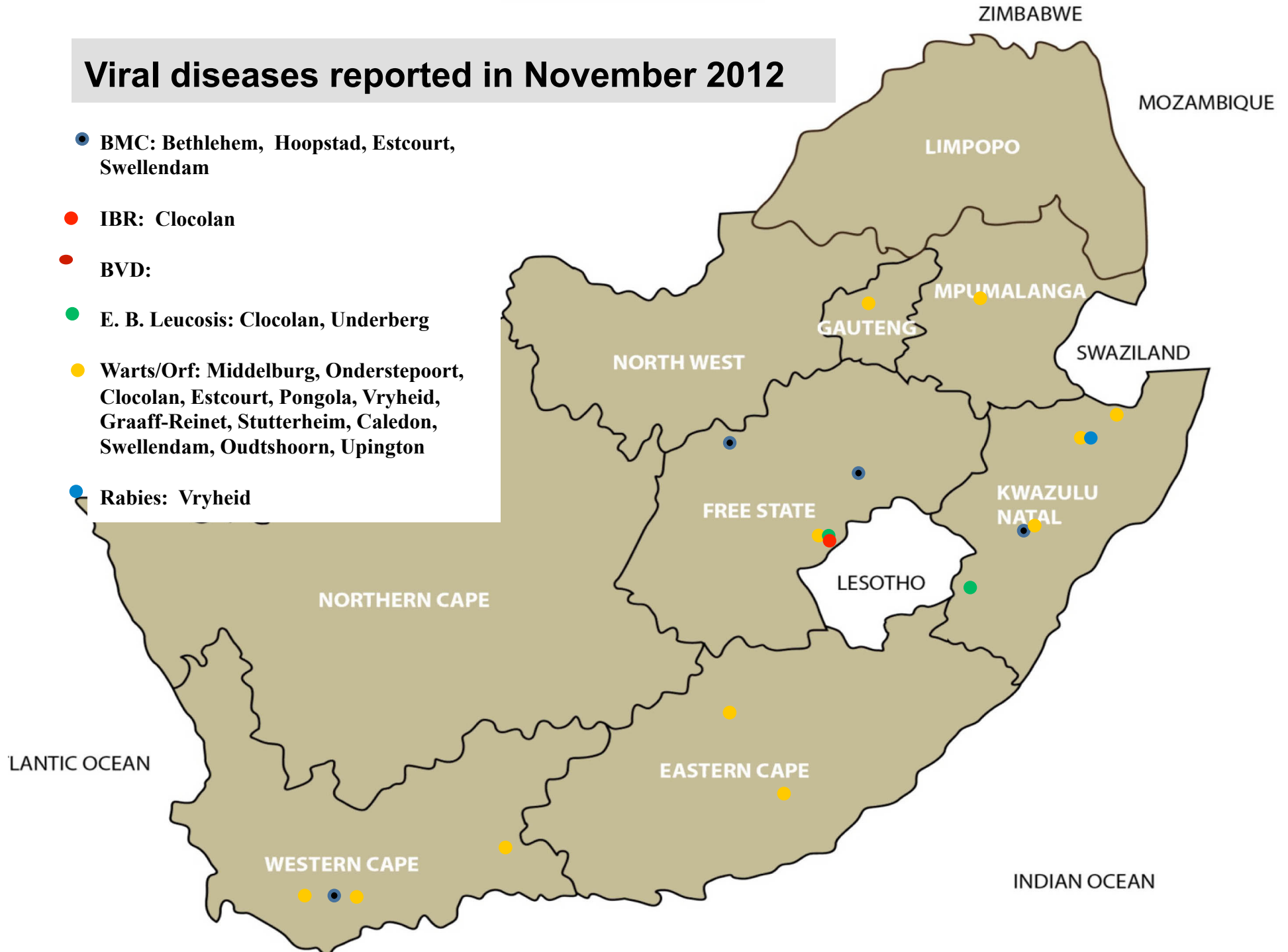
## Viral diseases reported in November 2012

- **Lumpy skin disease:** Clocolan, Hoopstad, Dundee, Estcourt, Pongola, Vryheid, Stutterheim, Malmesbury, Wellington
- **Three day stiff sickness:** Nelspruit, Onderstepoort, Clocolan, Frankfort, Pongola, Stutterheim, Plettenberg bay
- **Blue tongue:** Onderstepoort, Clocolan, Bergville, Vryheid



# Viral diseases reported in November 2012

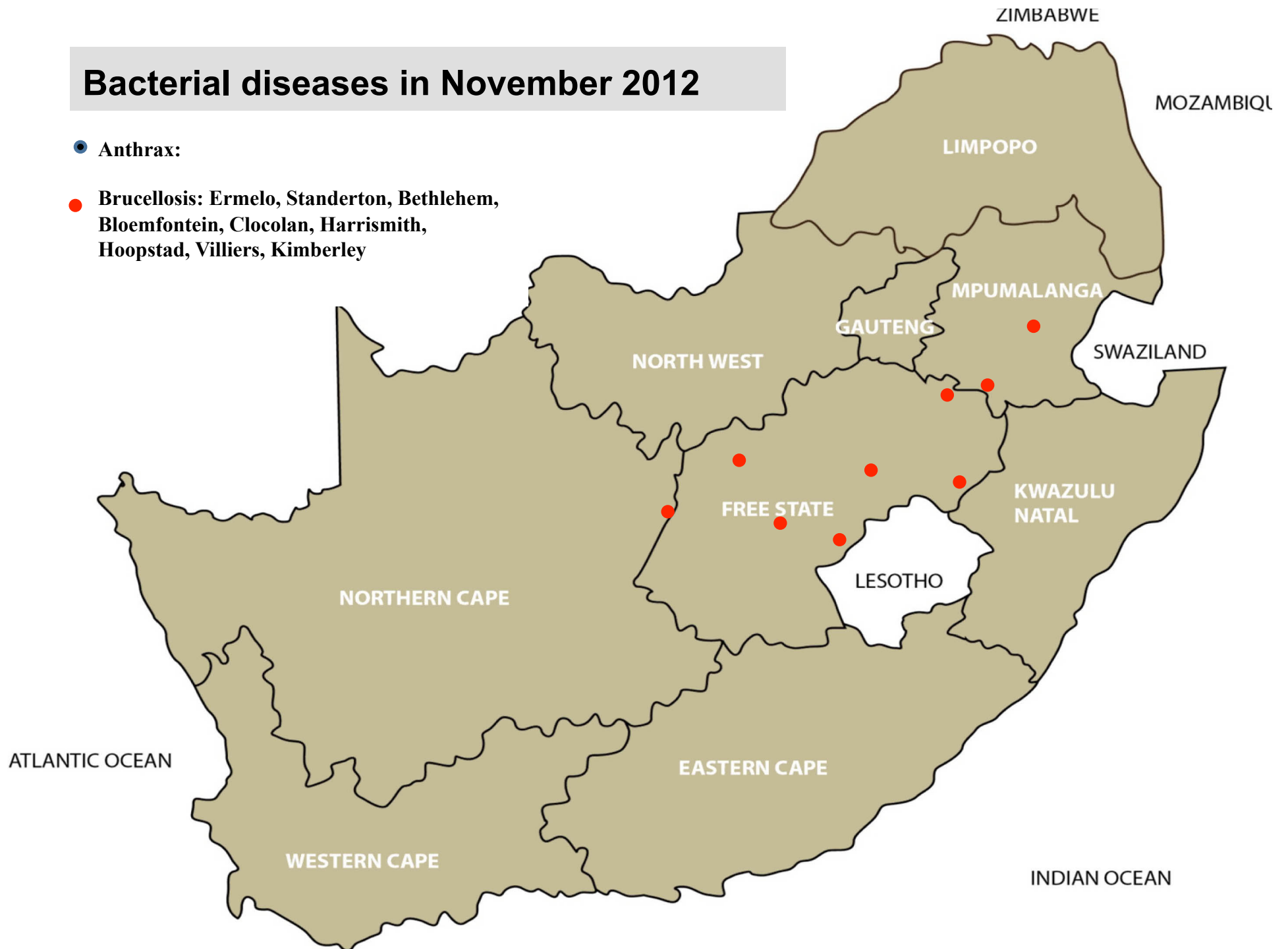
- **BMC:** Bethlehem, Hoopstad, Estcourt, Swellendam
- **IBR:** Clocolan
- **BVD:**
- **E. B. Leucosis:** Clocolan, Underberg
- **Warts/Orf:** Middelburg, Onderstepoort, Clocolan, Estcourt, Pongola, Vryheid, Graaff-Reinet, Stutterheim, Caledon, Swellendam, Oudtshoorn, Uppington
- **Rabies:** Vryheid



# Bacterial diseases in November 2012

● Anthrax:

● Brucellosis: Ermelo, Standerton, Bethlehem, Bloemfontein, Clocolan, Harrismith, Hoopstad, Villiers, Kimberley





## Bacterial diseases reported in November 2012

- Gas gangrene: Piet Retief, Standerton, Bethlehem, Harrismith, Villiers, Pongola, George
- Swelled head: Lydenburg, Piet Retief, Bethlehem, Vryheid
- Uterine gangrene:
- Red gut/ Blood gut: Ermelo, Clocolan, Villiers, Alexandria, Humansdorp
- Pulpy kidney: Balfour, Piet Retief, Bloemfontein, Harrismith, Hoopstad, Estcourt, Stutterheim, George
- Botulism: Lydenburg, Hoopstad, Kimberley

