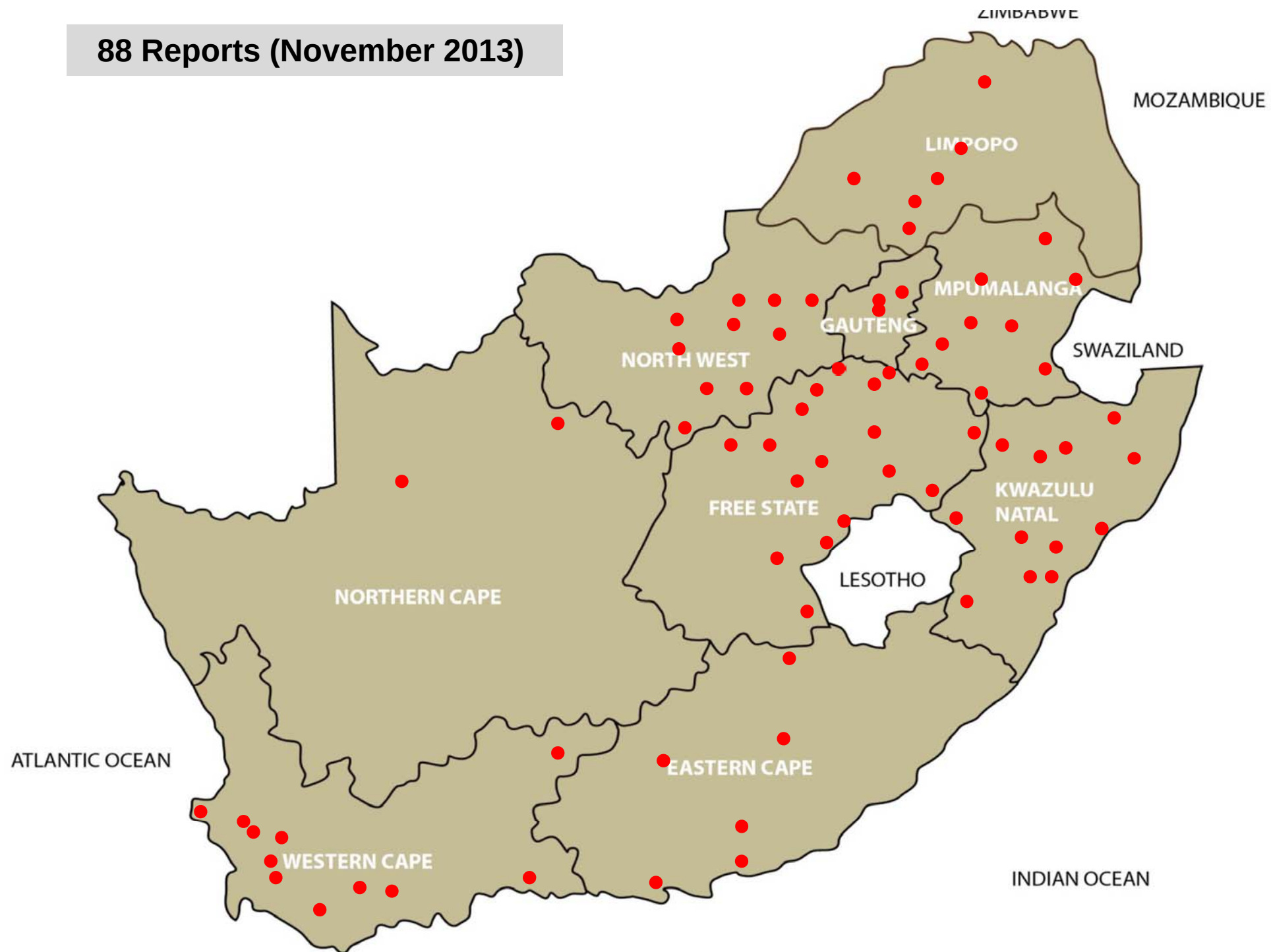
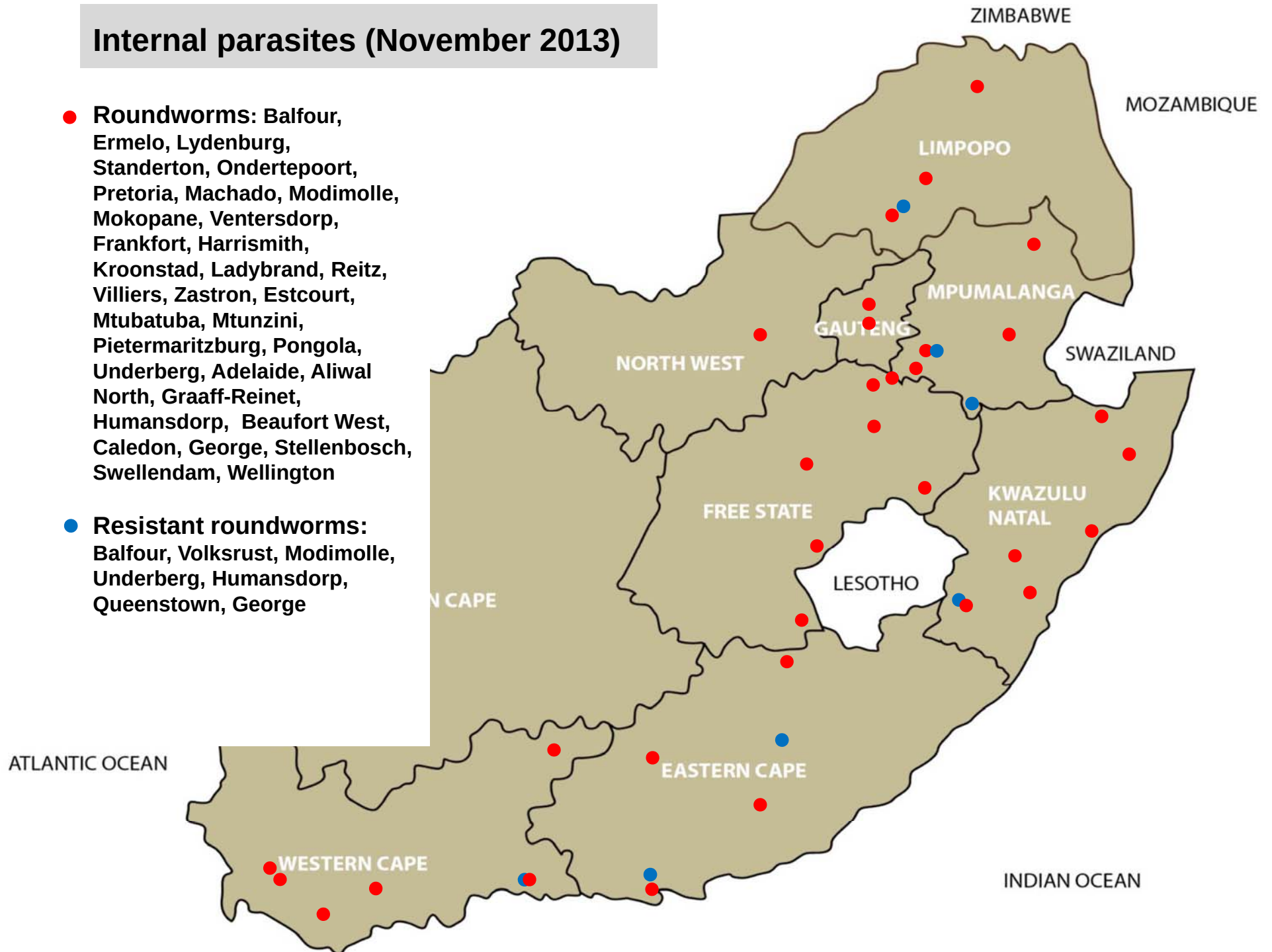


88 Reports (November 2013)



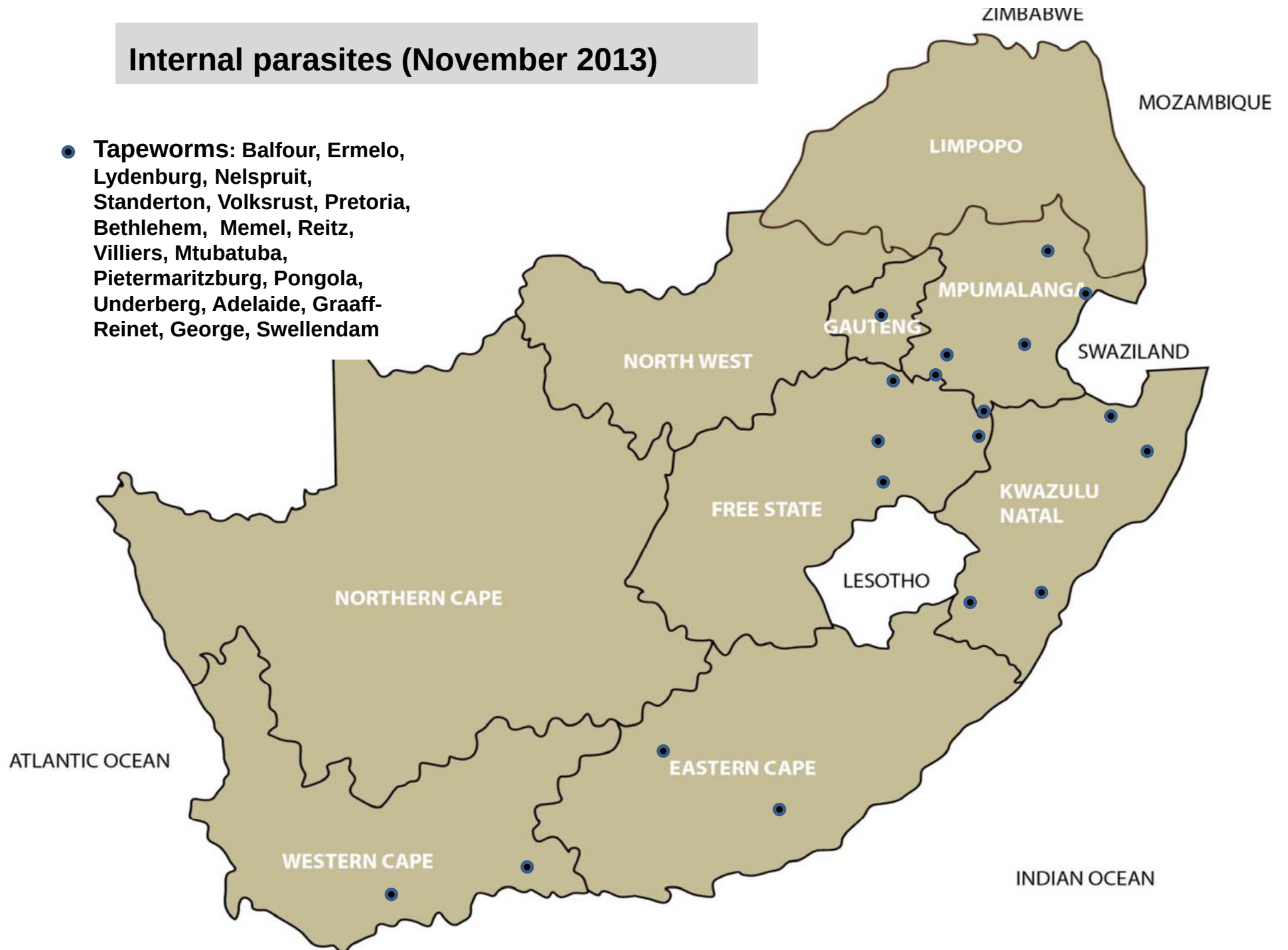
Internal parasites (November 2013)

- **Roundworms:** Balfour, Ermelo, Lydenburg, Standerton, Ondertepoort, Pretoria, Machado, Modimolle, Mokopane, Ventersdorp, Frankfort, Harrismith, Kroonstad, Ladybrand, Reitz, Villiers, Zastron, Estcourt, Mtubatuba, Mtunzini, Pietermaritzburg, Pongola, Underberg, Adelaide, Aliwal North, Graaff-Reinet, Humansdorp, Beaufort West, Caledon, George, Stellenbosch, Swellendam, Wellington
- **Resistant roundworms:** Balfour, Volksrust, Modimolle, Underberg, Humansdorp, Queenstown, George



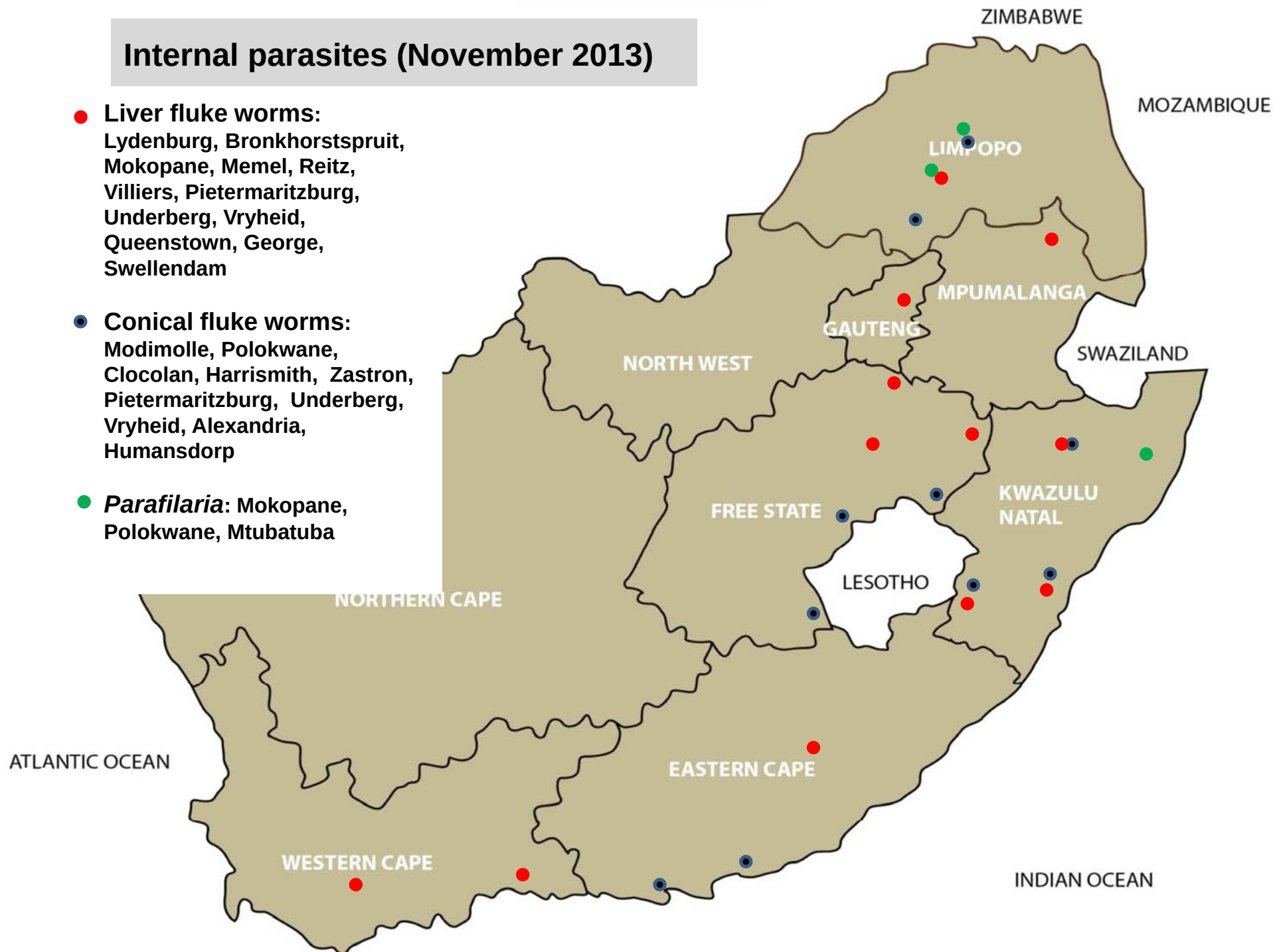
Internal parasites (November 2013)

- **Tapeworms:** Balfour, Ermelo, Lydenburg, Nelspruit, Standerton, Volksrust, Pretoria, Bethlehem, Memel, Reitz, Villiers, Mtubatuba, Pietermaritzburg, Pongola, Underberg, Adelaide, Graaff-Reinet, George, Swellendam



Internal parasites (November 2013)

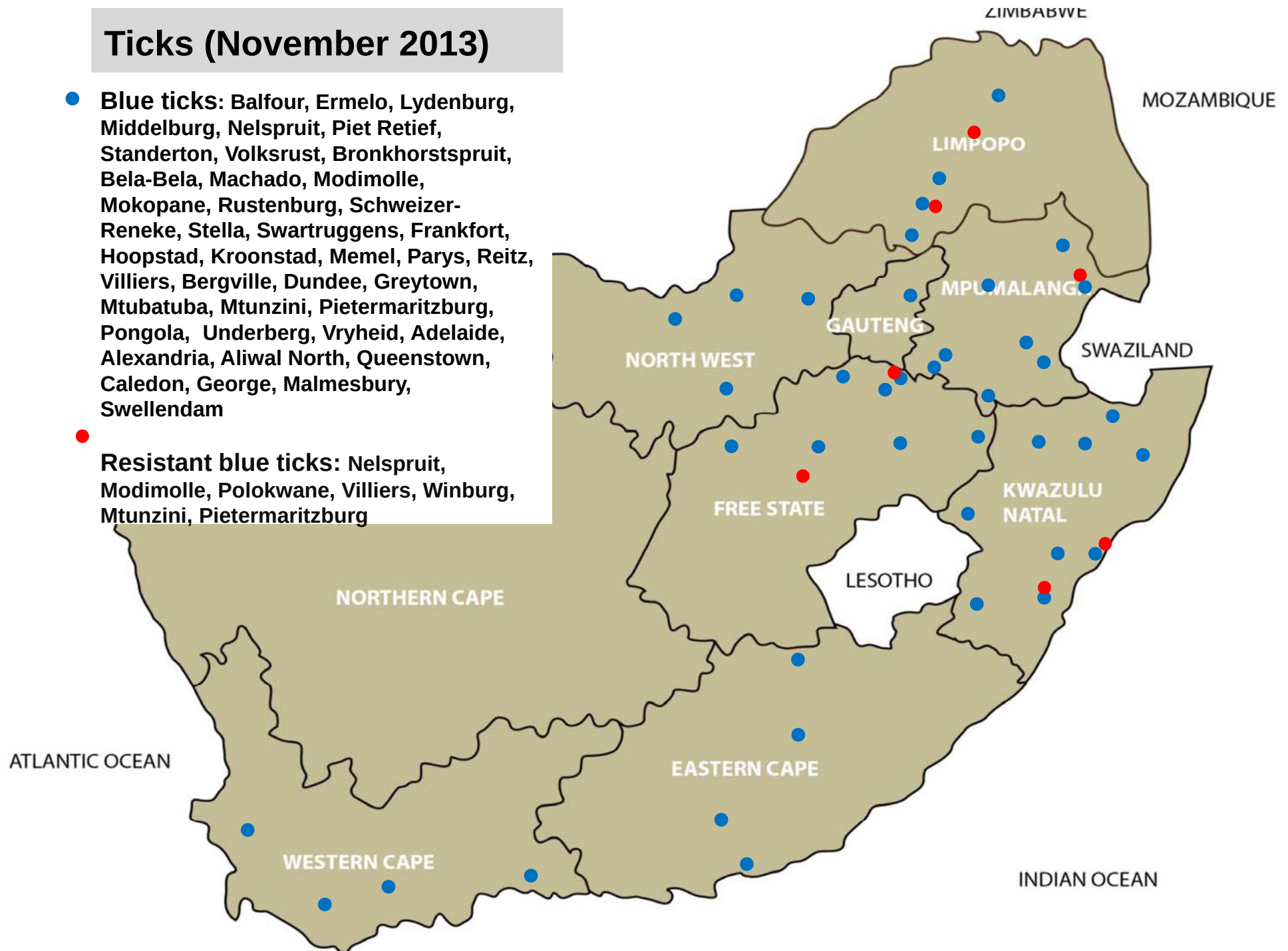
- **Liver fluke worms:**
Lydenburg, Bronkhorstspuit, Mokopane, Memel, Reitz, Villiers, Pietermaritzburg, Underberg, Vryheid, Queenstown, George, Swellendam
- **Conical fluke worms:**
Modimolle, Polokwane, Clocolan, Harrismith, Zastron, Pietermaritzburg, Underberg, Vryheid, Alexandria, Humansdorp
- ***Parafilaria*:** Mokopane, Polokwane, Mtubatuba



Ticks (November 2013)

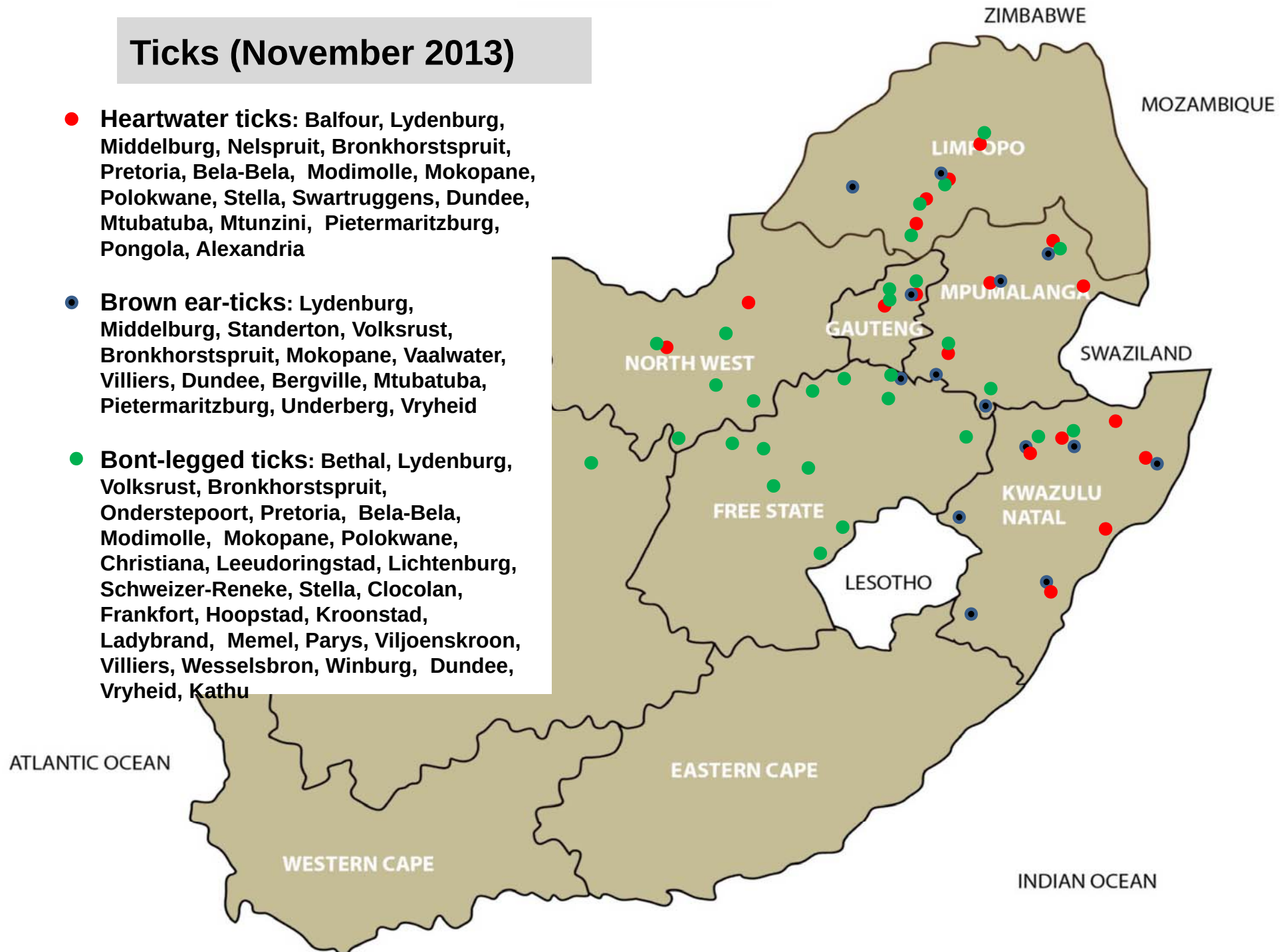
- **Blue ticks:** Balfour, Ermelo, Lydenburg, Middelburg, Nelspruit, Piet Retief, Standerton, Volksrust, Bronkhorstspuit, Bela-Bela, Machado, Modimolle, Mokopane, Rustenburg, Schweizer-Reneke, Stella, Swartruggens, Frankfort, Hoopstad, Kroonstad, Memel, Parys, Reitz, Villiers, Bergville, Dundee, Greytown, Mtubatuba, Mtunzini, Pietermaritzburg, Pongola, Underberg, Vryheid, Adelaide, Alexandria, Aliwal North, Queenstown, Caledon, George, Malmesbury, Swellendam

- **Resistant blue ticks:** Nelspruit, Modimolle, Polokwane, Villiers, Winburg, Mtunzini, Pietermaritzburg



Ticks (November 2013)

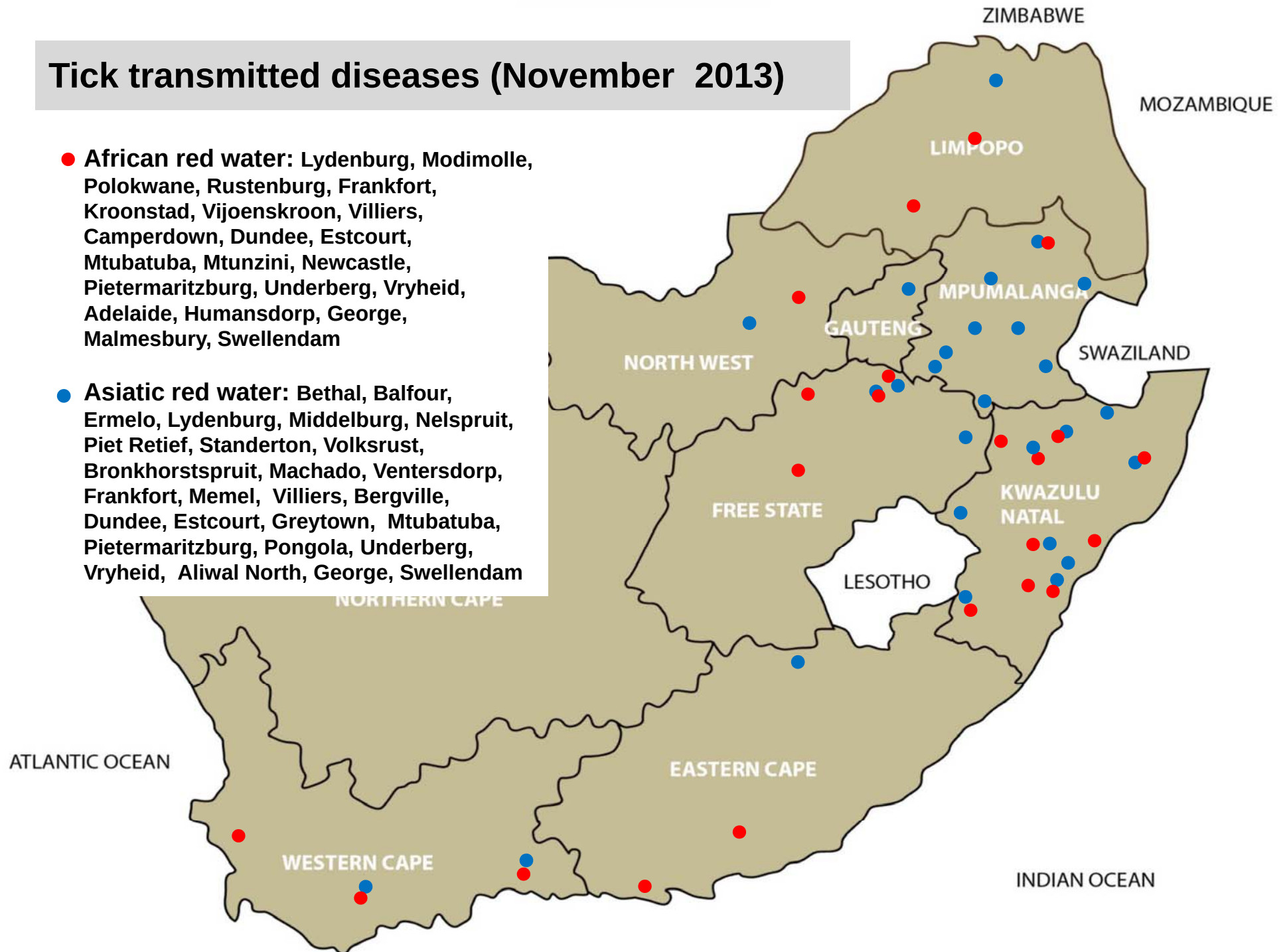
- **Heartwater ticks:** Balfour, Lydenburg, Middelburg, Nelspruit, Bronkhorstspuit, Pretoria, Bela-Bela, Modimolle, Mokopane, Polokwane, Stella, Swartruggens, Dundee, Mtubatuba, Mtunzini, Pietermaritzburg, Pongola, Alexandria
- **Brown ear-ticks:** Lydenburg, Middelburg, Standerton, Volksrust, Bronkhorstspuit, Mokopane, Vaalwater, Villiers, Dundee, Bergville, Mtubatuba, Pietermaritzburg, Underberg, Vryheid
- **Bont-legged ticks:** Bethal, Lydenburg, Volksrust, Bronkhorstspuit, Onderstepoort, Pretoria, Bela-Bela, Modimolle, Mokopane, Polokwane, Christiana, Leeudoringstad, Lichtenburg, Schweizer-Reneke, Stella, Clocolan, Frankfort, Hoopstad, Kroonstad, Ladybrand, Memel, Parys, Viljoenskroon, Villiers, Wesselsbron, Winburg, Dundee, Vryheid, Kathu



Tick transmitted diseases (November 2013)

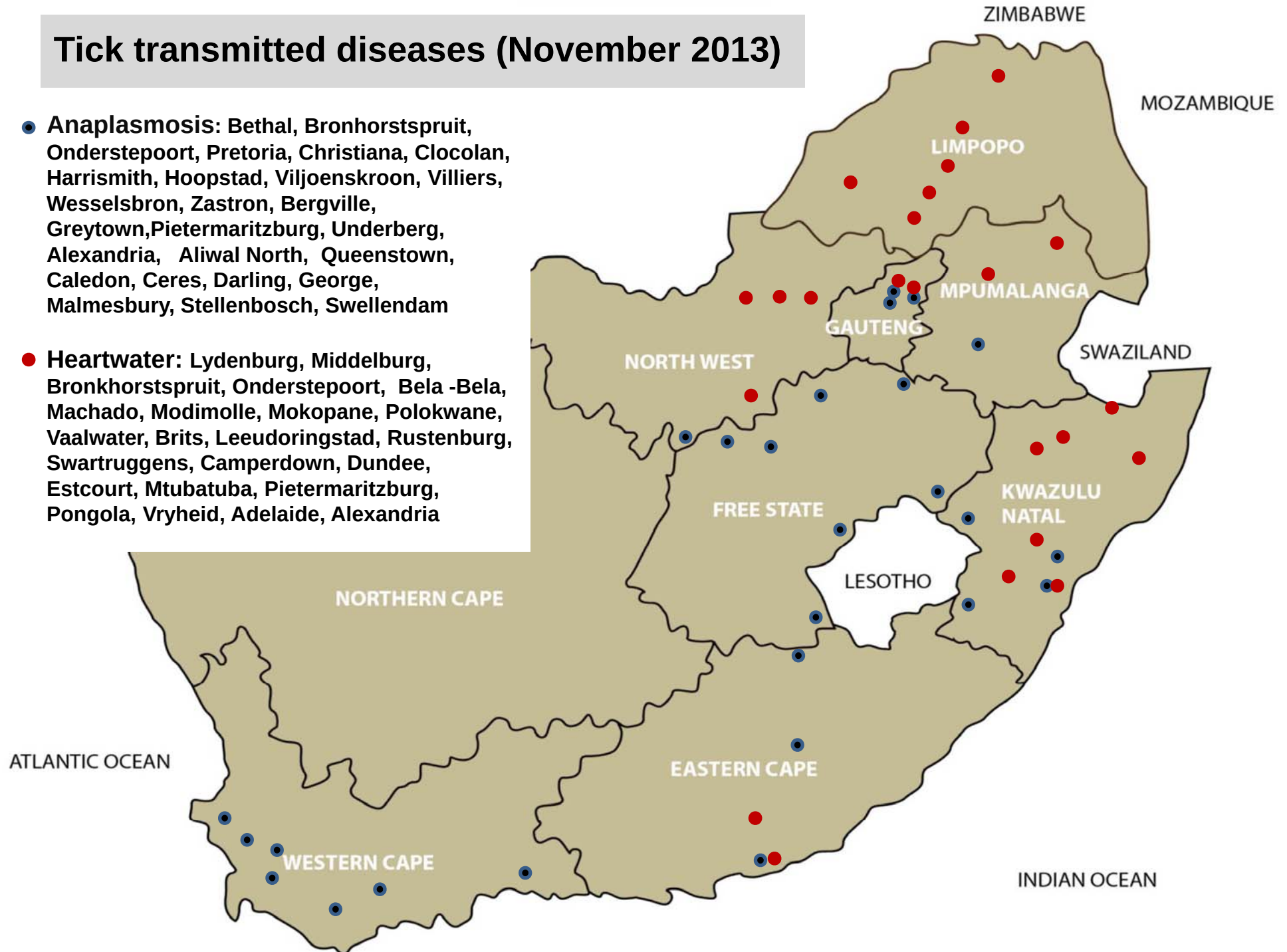
- **African red water:** Lydenburg, Modimolle, Polokwane, Rustenburg, Frankfort, Kroonstad, Vijoenskroon, Villiers, Camperdown, Dundee, Estcourt, Mtubatuba, Mtunzini, Newcastle, Pietermaritzburg, Underberg, Vryheid, Adelaide, Humansdorp, George, Malmesbury, Swellendam

- **Asiatic red water:** Bethal, Balfour, Ermelo, Lydenburg, Middelburg, Nelspruit, Piet Retief, Standerton, Volksrust, Bronkhorstspuit, Machado, Ventersdorp, Frankfort, Memel, Villiers, Bergville, Dundee, Estcourt, Greytown, Mtubatuba, Pietermaritzburg, Pongola, Underberg, Vryheid, Aliwal North, George, Swellendam



Tick transmitted diseases (November 2013)

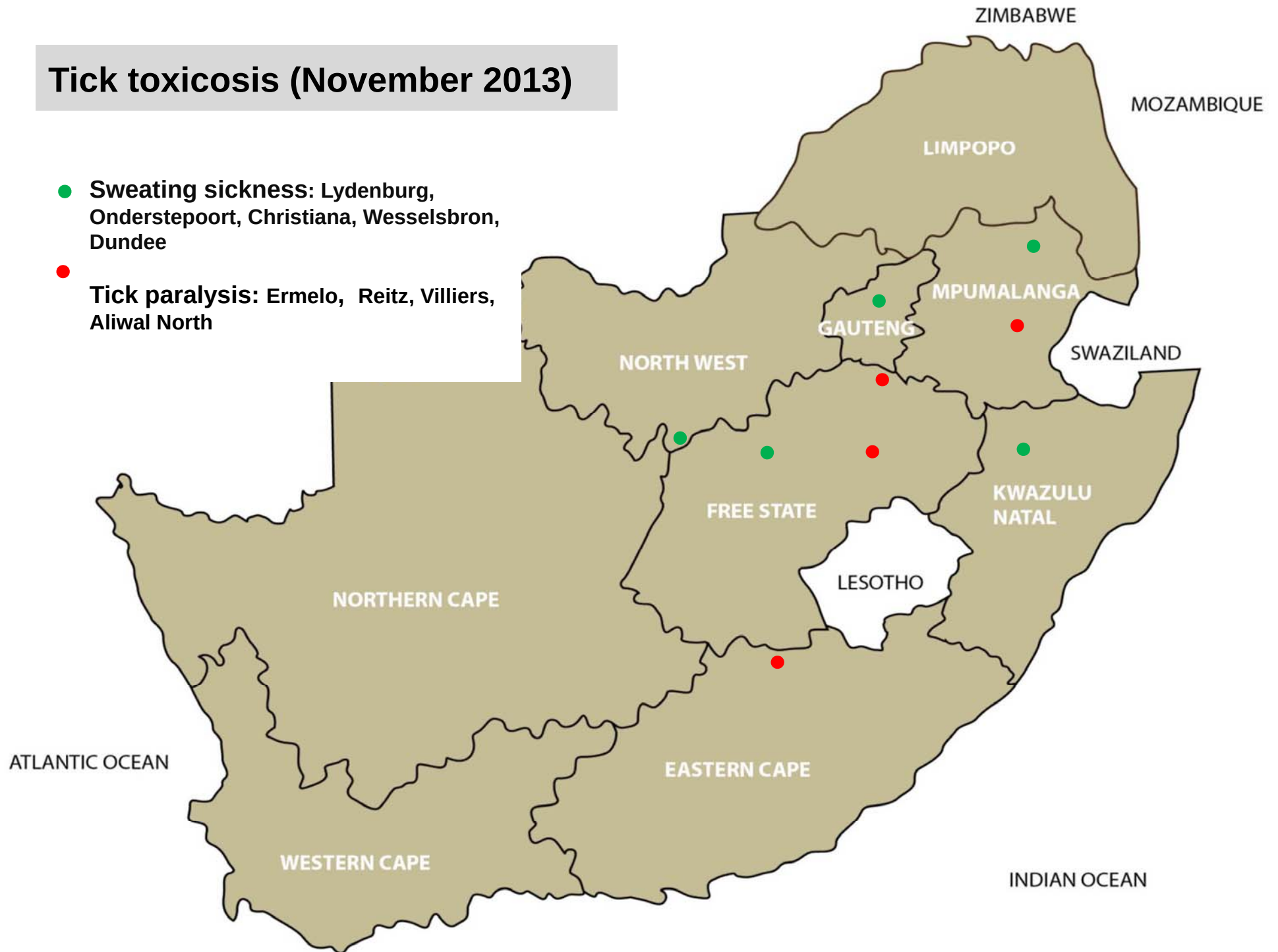
- **Anaplasmosis:** Bethal, Bronhorstspuit, Onderstepoort, Pretoria, Christiana, Clocolan, Harrismith, Hoopstad, Viljoenskroon, Villiers, Wesselsbron, Zastron, Bergville, Greytown, Pietermaritzburg, Underberg, Alexandria, Aliwal North, Queenstown, Caledon, Ceres, Darling, George, Malmesbury, Stellenbosch, Swellendam
- **Heartwater:** Lydenburg, Middelburg, Bronkhorstspuit, Onderstepoort, Bela -Bela, Machado, Modimolle, Mokopane, Polokwane, Vaalwater, Brits, Leeudoringstad, Rustenburg, Swartruggens, Camperdown, Dundee, Estcourt, Mtubatuba, Pietermaritzburg, Pongola, Vryheid, Adelaide, Alexandria



Tick toxicosis (November 2013)

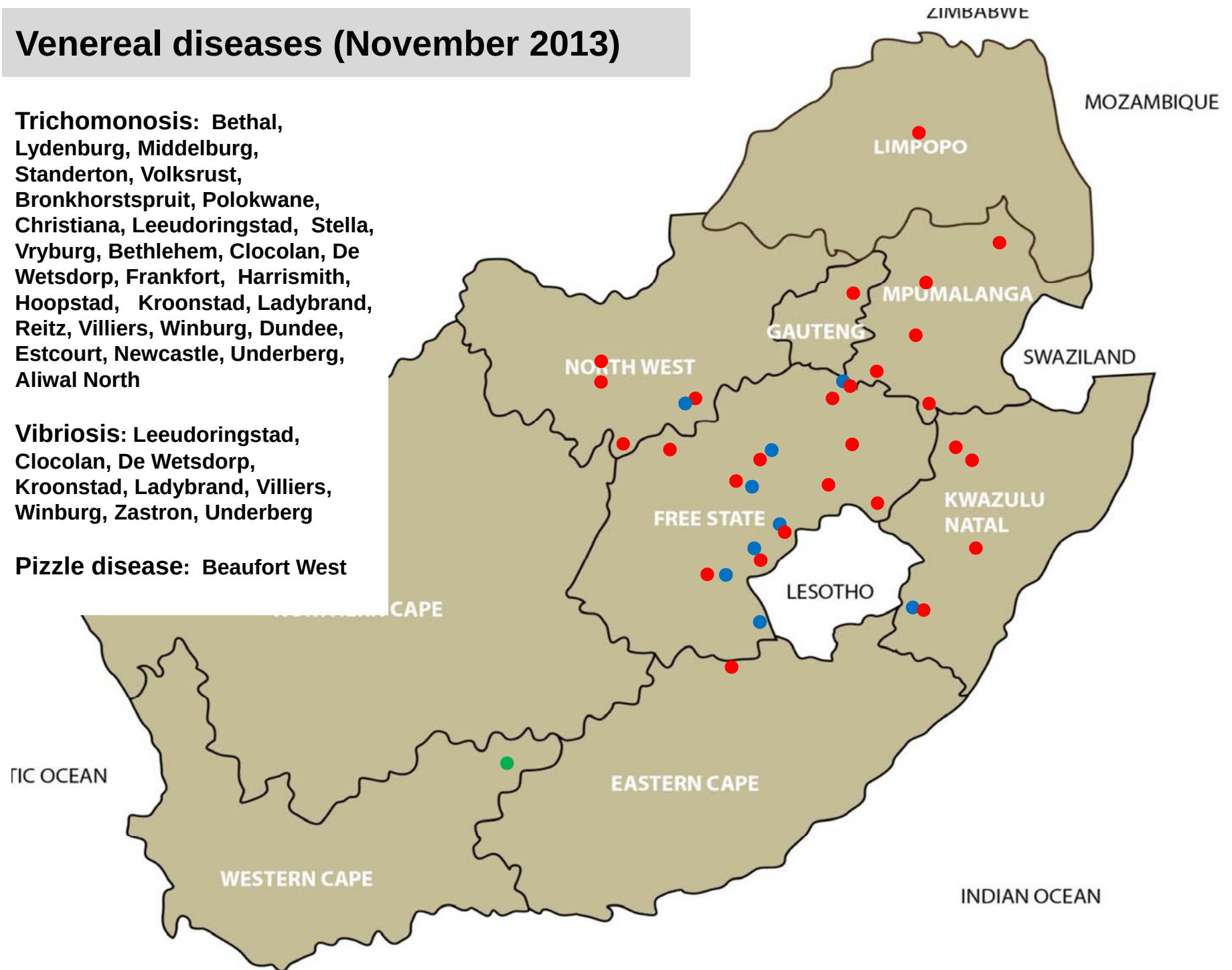
● **Sweating sickness:** Lydenburg, Onderstepoort, Christiana, Wesselsbron, Dundee

● **Tick paralysis:** Ermelo, Reitz, Villiers, Aliwal North



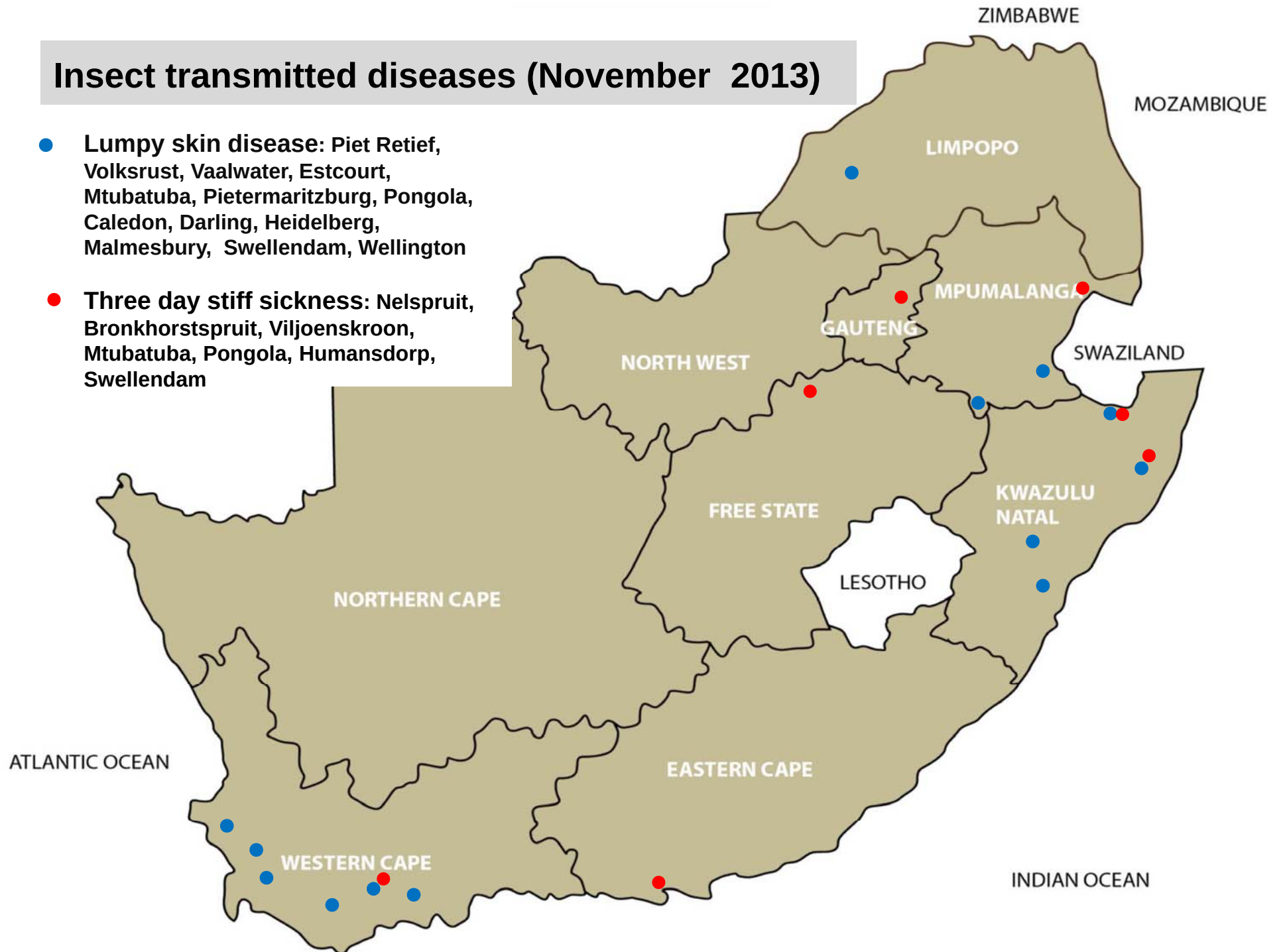
Venereal diseases (November 2013)

- **Trichomonosis:** Bethal, Lydenburg, Middelburg, Standerton, Volksrust, Bronkhorstspuit, Polokwane, Christiana, Leeudoringstad, Stella, Vryburg, Bethlehem, Clocolan, De Wetsdorp, Frankfort, Harrismith, Hoopstad, Kroonstad, Ladybrand, Reitz, Villiers, Winburg, Dundee, Estcourt, Newcastle, Underberg, Aliwal North
- **Vibriosis:** Leeudoringstad, Clocolan, De Wetsdorp, Kroonstad, Ladybrand, Villiers, Winburg, Zastron, Underberg
- **Pizzle disease:** Beaufort West



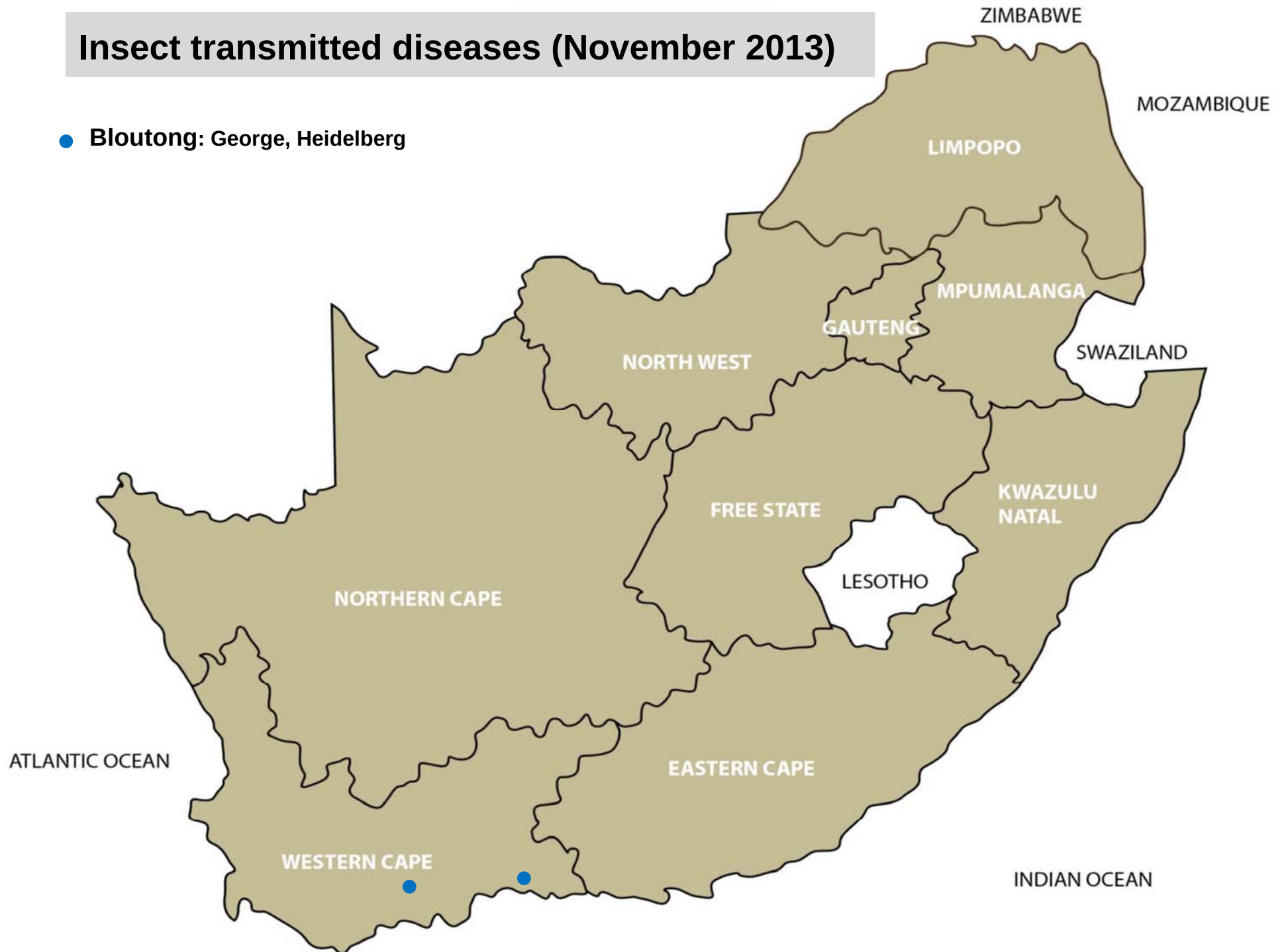
Insect transmitted diseases (November 2013)

- **Lumpy skin disease:** Piet Retief, Volksrust, Vaalwater, Estcourt, Mtubatuba, Pietermaritzburg, Pongola, Caledon, Darling, Heidelberg, Malmesbury, Swellendam, Wellington
- **Three day stiff sickness:** Nelspruit, Bronkhorstspuit, Viljoenskroon, Mtubatuba, Pongola, Humansdorp, Swellendam



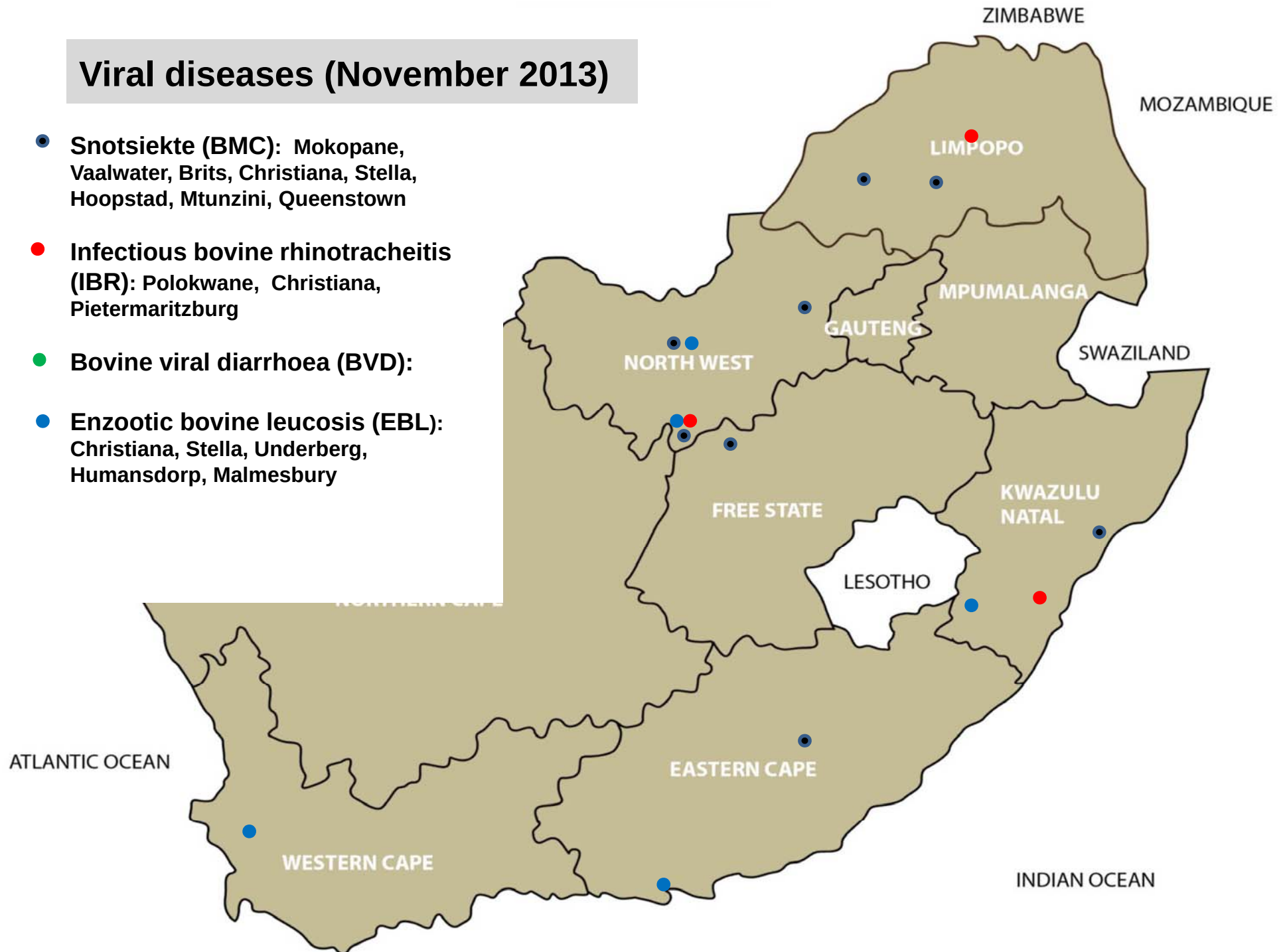
Insect transmitted diseases (November 2013)

- Bloutong: George, Heidelberg



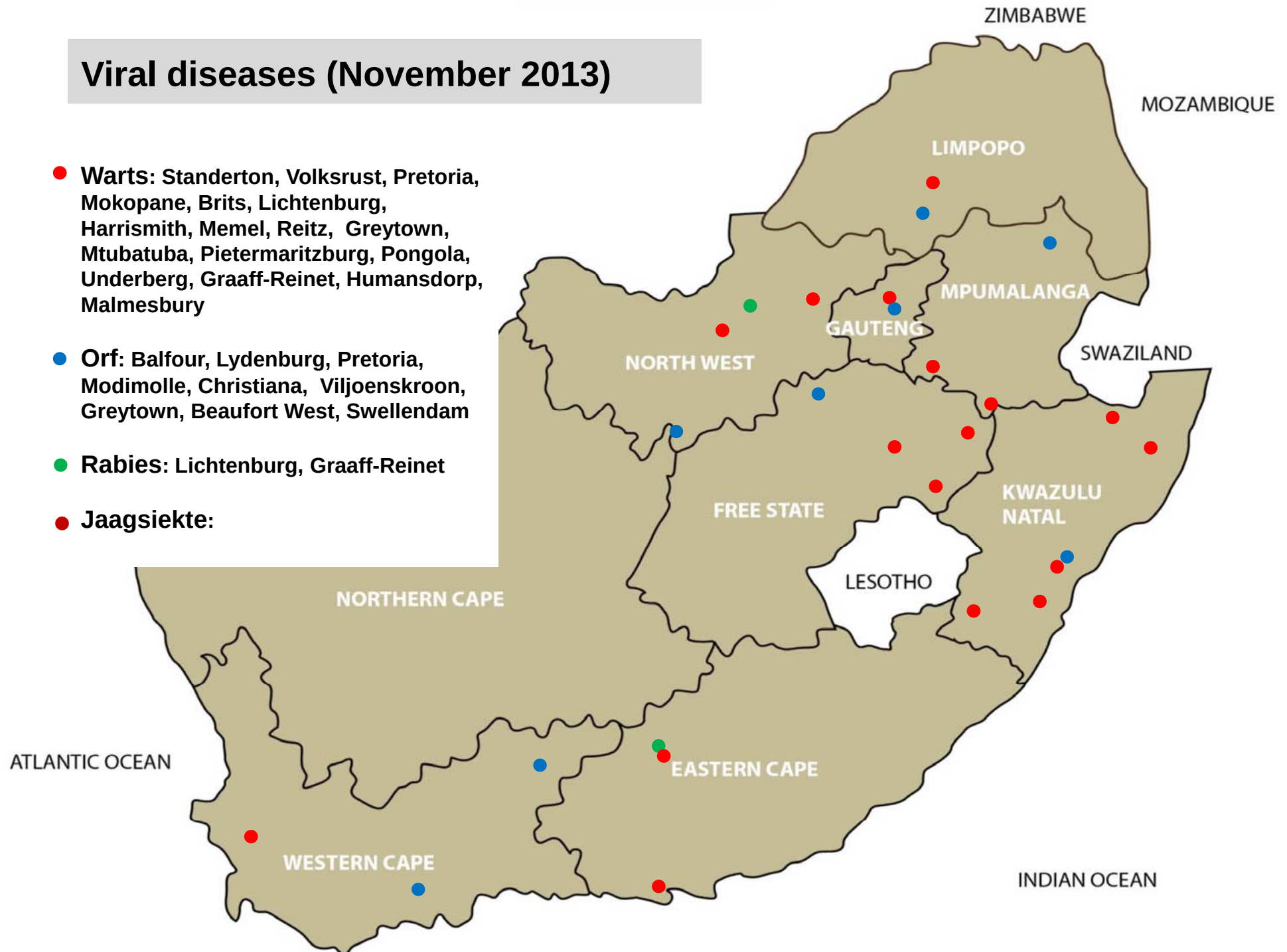
Viral diseases (November 2013)

- **Snotsiekte (BMC):** Mokopane, Vaalwater, Brits, Christiana, Stella, Hoopstad, Mtunzini, Queenstown
- **Infectious bovine rhinotracheitis (IBR):** Polokwane, Christiana, Pietermaritzburg
- **Bovine viral diarrhoea (BVD):**
- **Enzootic bovine leucosis (EBL):** Christiana, Stella, Underberg, Humansdorp, Malmesbury



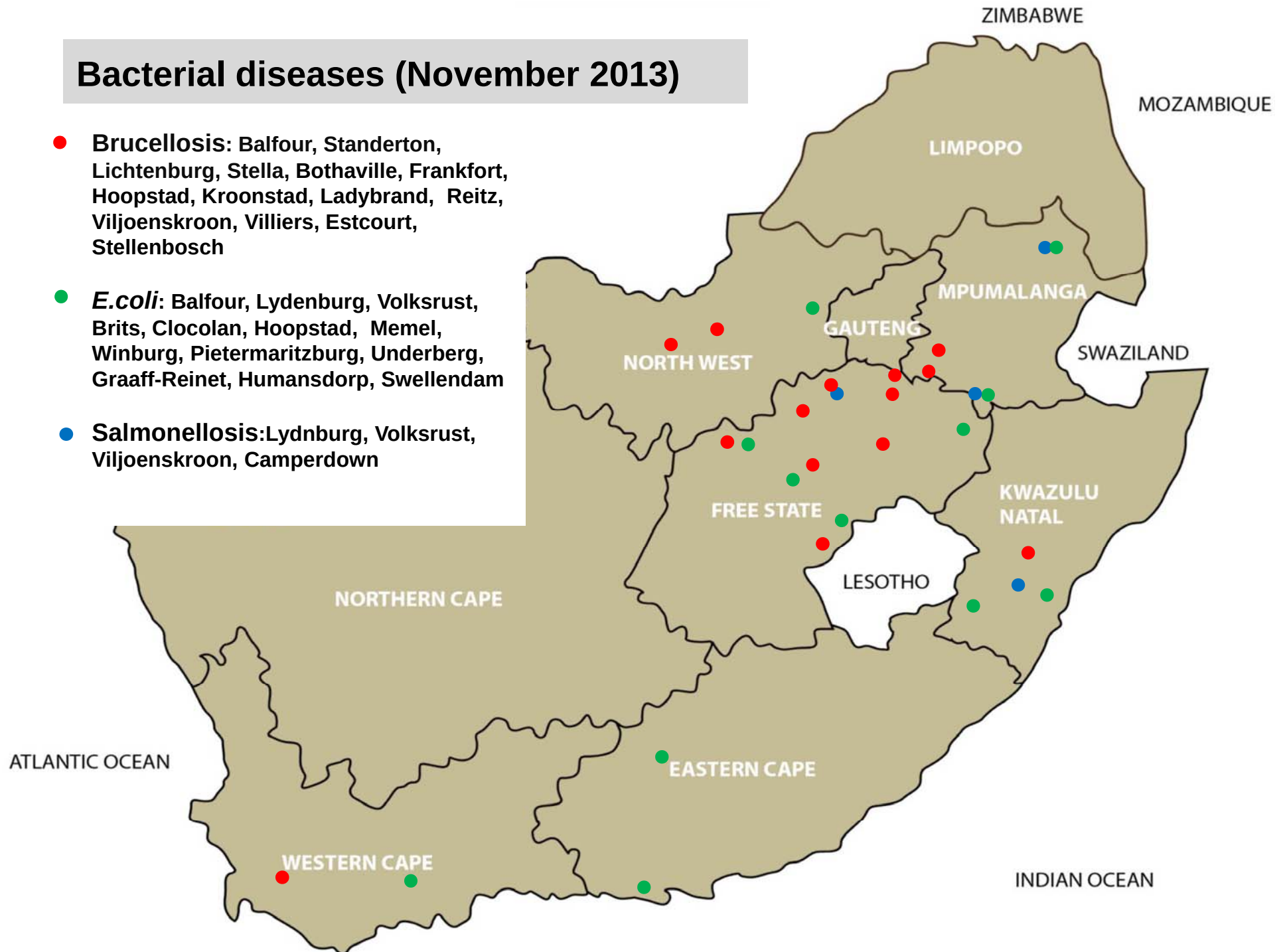
Viral diseases (November 2013)

- **Warts:** Standerton, Volksrust, Pretoria, Mokopane, Brits, Lichtenburg, Harrismith, Memel, Reitz, Greytown, Mtubatuba, Pietermaritzburg, Pongola, Underberg, Graaff-Reinet, Humansdorp, Malmesbury
- **Orf:** Balfour, Lydenburg, Pretoria, Modimolle, Christiana, Viljoenskroon, Greytown, Beaufort West, Swellendam
- **Rabies:** Lichtenburg, Graaff-Reinet
- **Jaagsiekte:**



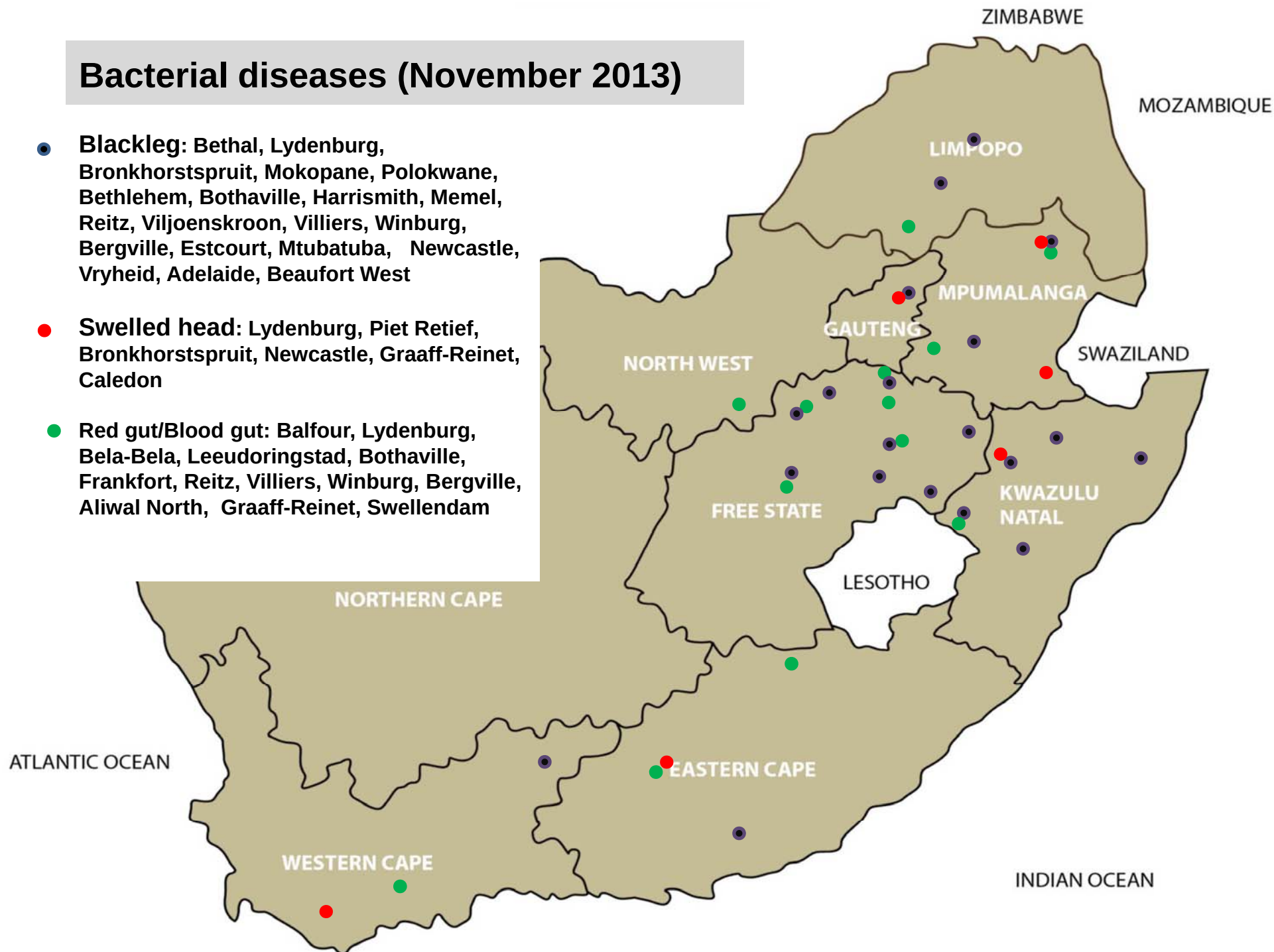
Bacterial diseases (November 2013)

- **Brucellosis:** Balfour, Standerton, Lichtenburg, Stella, Bothaville, Frankfort, Hoopstad, Kroonstad, Ladybrand, Reitz, Viljoenskroon, Villiers, Estcourt, Stellenbosch
- ***E.coli*:** Balfour, Lydenburg, Volksrust, Brits, Clocolan, Hoopstad, Memel, Winburg, Pietermaritzburg, Underberg, Graaff-Reinet, Humansdorp, Swellendam
- **Salmonellosis:** Lydenburg, Volksrust, Viljoenskroon, Camperdown



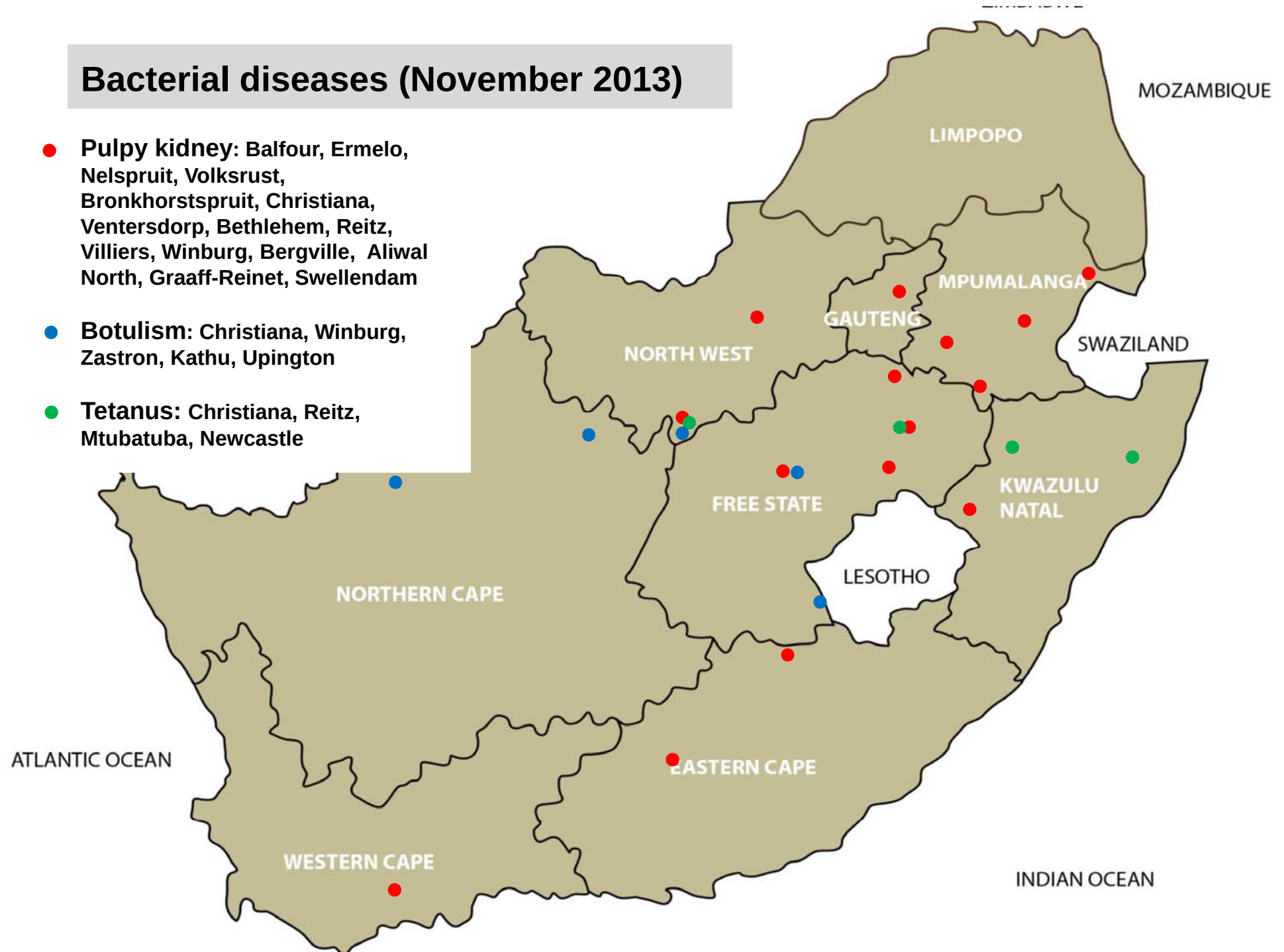
Bacterial diseases (November 2013)

- **Blackleg:** Bethal, Lydenburg, Bronkhorstspuit, Mokopane, Polokwane, Bethlehem, Bothaville, Harrismith, Memel, Reitz, Viljoenskroon, Villiers, Winburg, Bergville, Estcourt, Mtubatuba, Newcastle, Vryheid, Adelaide, Beaufort West
- **Swelled head:** Lydenburg, Piet Retief, Bronkhorstspuit, Newcastle, Graaff-Reinet, Caledon
- **Red gut/Blood gut:** Balfour, Lydenburg, Bela-Bela, Leeudoringstad, Bothaville, Frankfort, Reitz, Villiers, Winburg, Bergville, Aliwal North, Graaff-Reinet, Swellendam



Bacterial diseases (November 2013)

- **Pulpy kidney:** Balfour, Ermelo, Nelspruit, Volksrust, Bronkhorstspuit, Christiana, Ventersdorp, Bethlehem, Reitz, Villiers, Winburg, Bergville, Aliwal North, Graaff-Reinet, Swellendam
- **Botulism:** Christiana, Winburg, Zastron, Kathu, Upington
- **Tetanus:** Christiana, Reitz, Mtubatuba, Newcastle



Pneumonia (November 2013)

- Pneumonia: Ermelo, Middelburg, Pretoria, Modimolle, Christiana, Lichtenburg, Rustenburg, Swartruggens, Bethlehem, Frankfort, Harrismith, Hoopstad, Memel, Villiers, Winburg, Bergville, Camperdown, Dundee, Mtubatuba, Pietermaritzburg, Underberg, Adelaide, Humansdorp, Darling,

