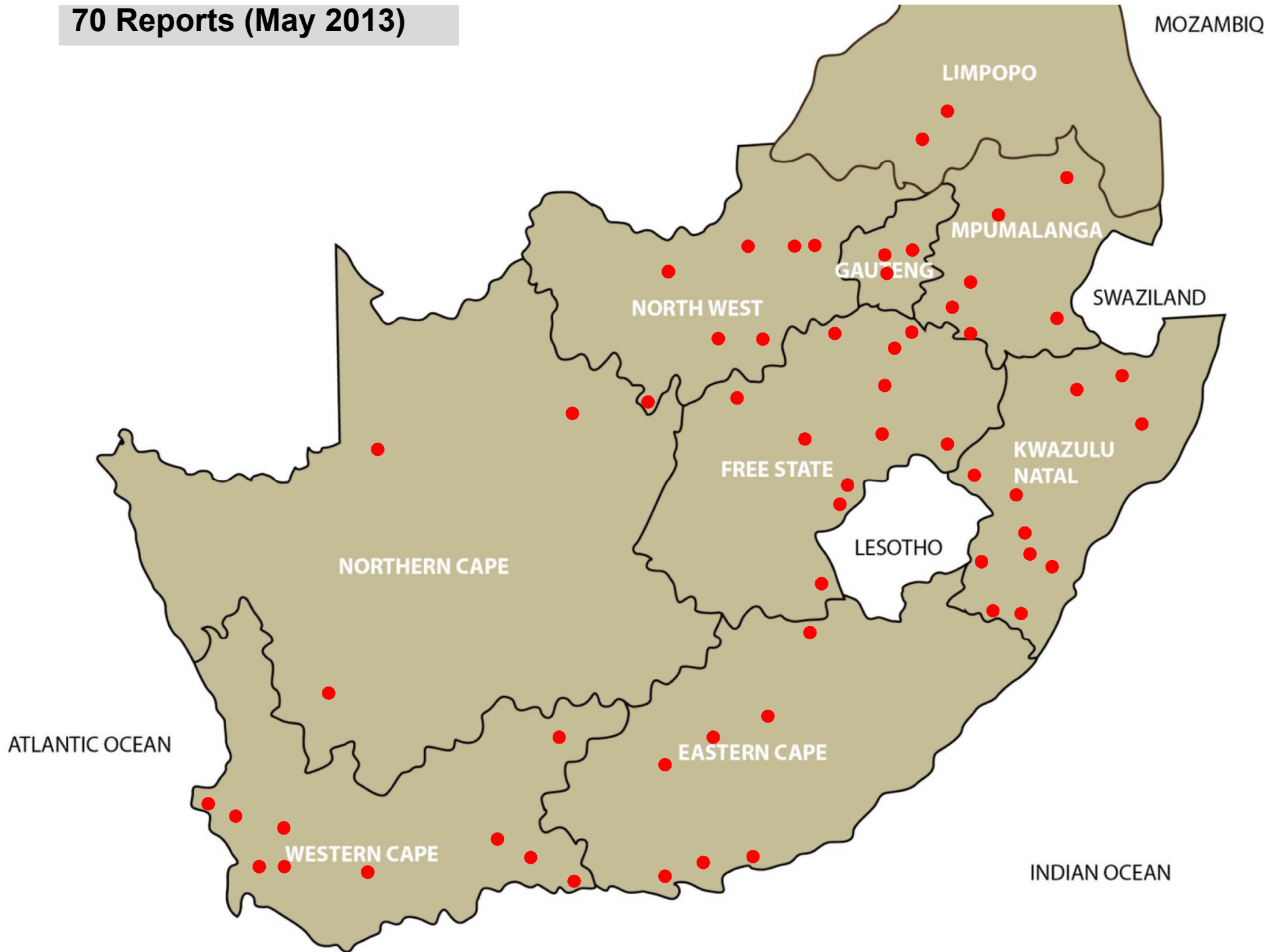
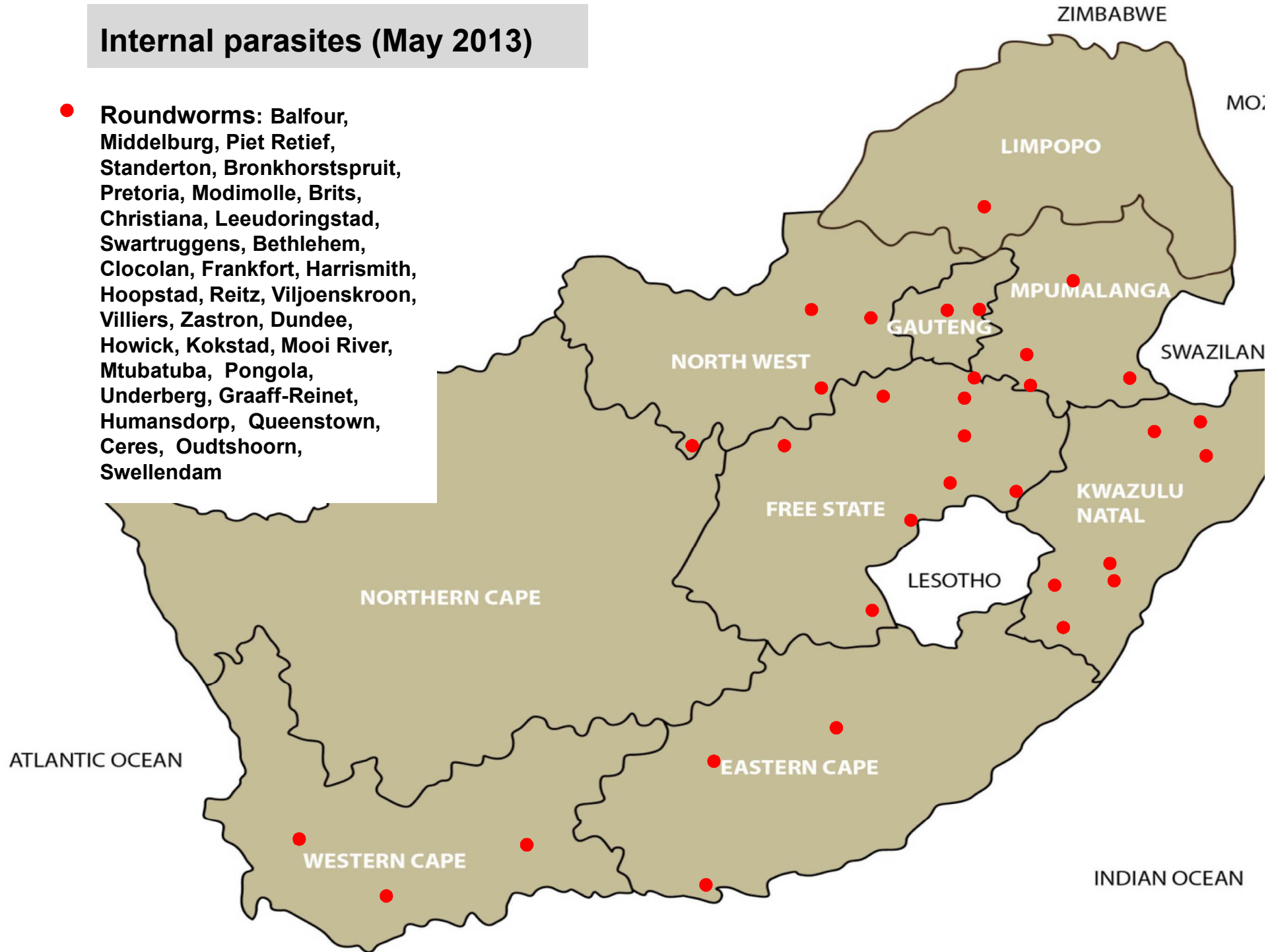


70 Reports (May 2013)



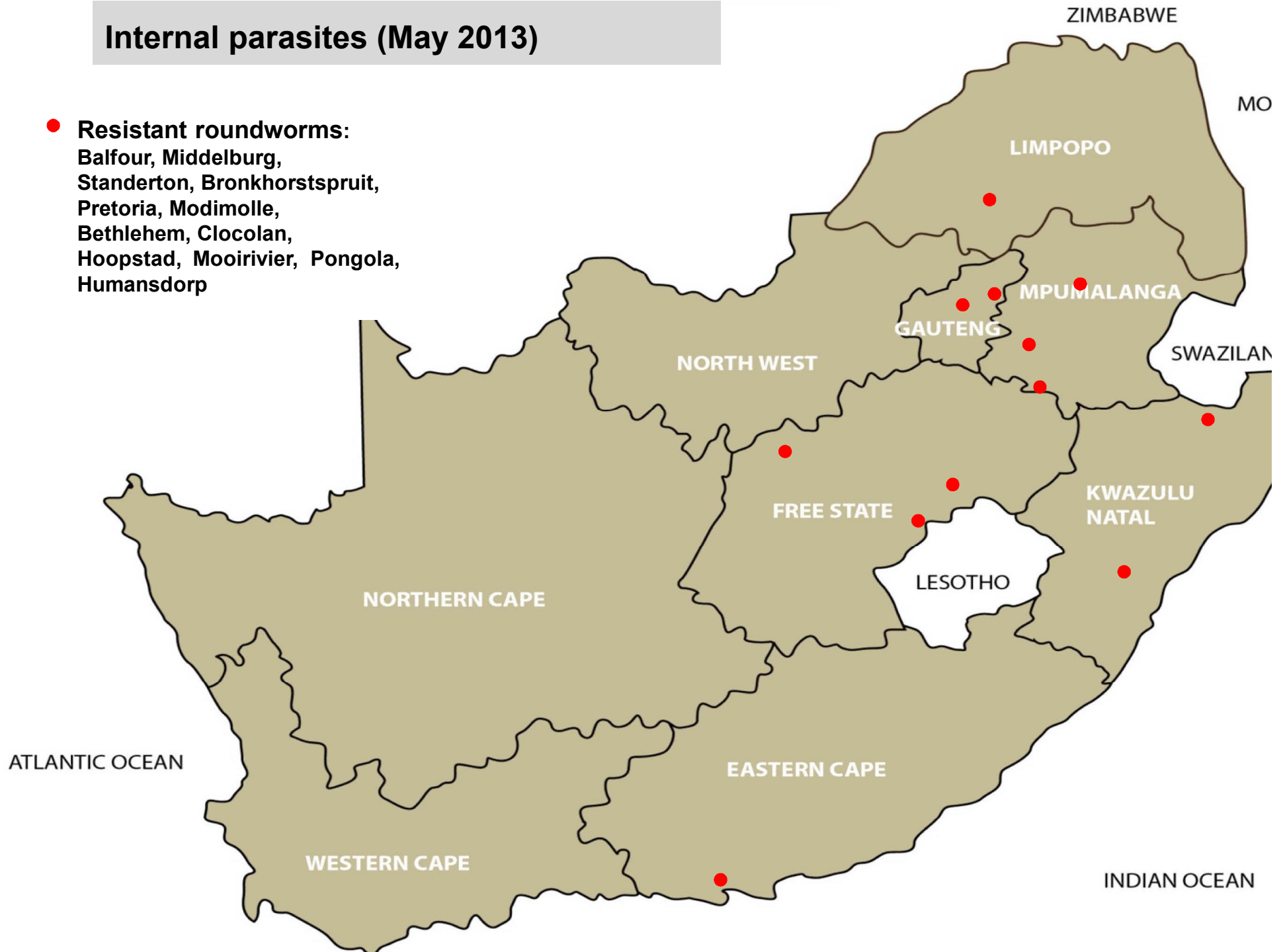
Internal parasites (May 2013)

- **Roundworms:** Balfour, Middelburg, Piet Retief, Standerton, Bronkhorstspuit, Pretoria, Modimolle, Brits, Christiana, Leeudoringstad, Swartruggens, Bethlehem, Clocolan, Frankfort, Harrismith, Hoopstad, Reitz, Viljoenskroon, Villiers, Zastron, Dundee, Howick, Kokstad, Mooi River, Mtubatuba, Pongola, Underberg, Graaff-Reinet, Humansdorp, Queenstown, Ceres, Oudtshoorn, Swellendam



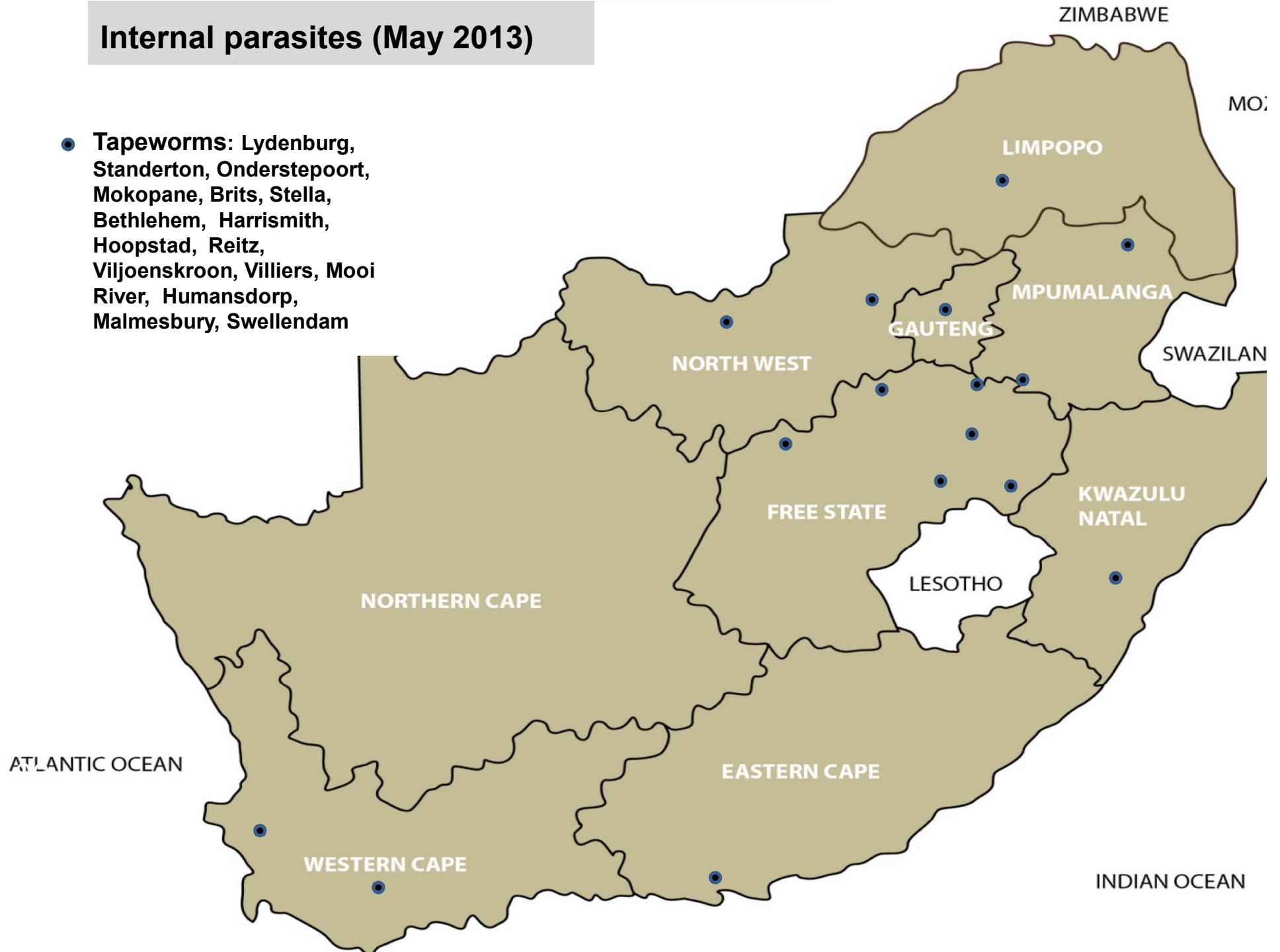
Internal parasites (May 2013)

- **Resistant roundworms:**
Balfour, Middelburg,
Standerton, Bronkhorstspuit,
Pretoria, Modimolle,
Bethlehem, Clocolan,
Hoopstad, Mooirivier, Pongola,
Humansdorp



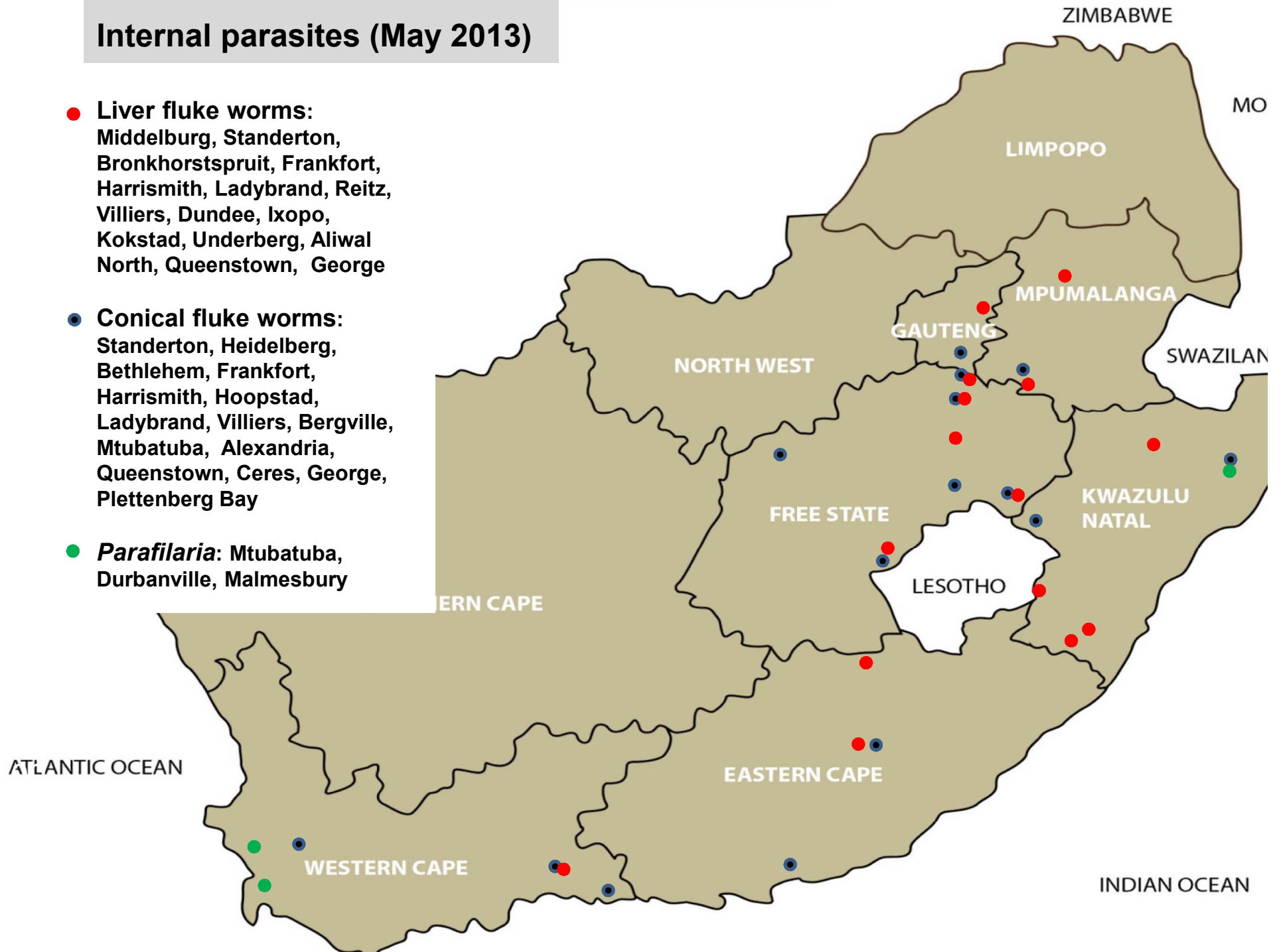
Internal parasites (May 2013)

- **Tapeworms:** Lydenburg, Standerton, Onderstepoort, Mokopane, Brits, Stella, Bethlehem, Harrismith, Hoopstad, Reitz, Viljoenskroon, Villiers, Mooi River, Humansdorp, Malmesbury, Swellendam



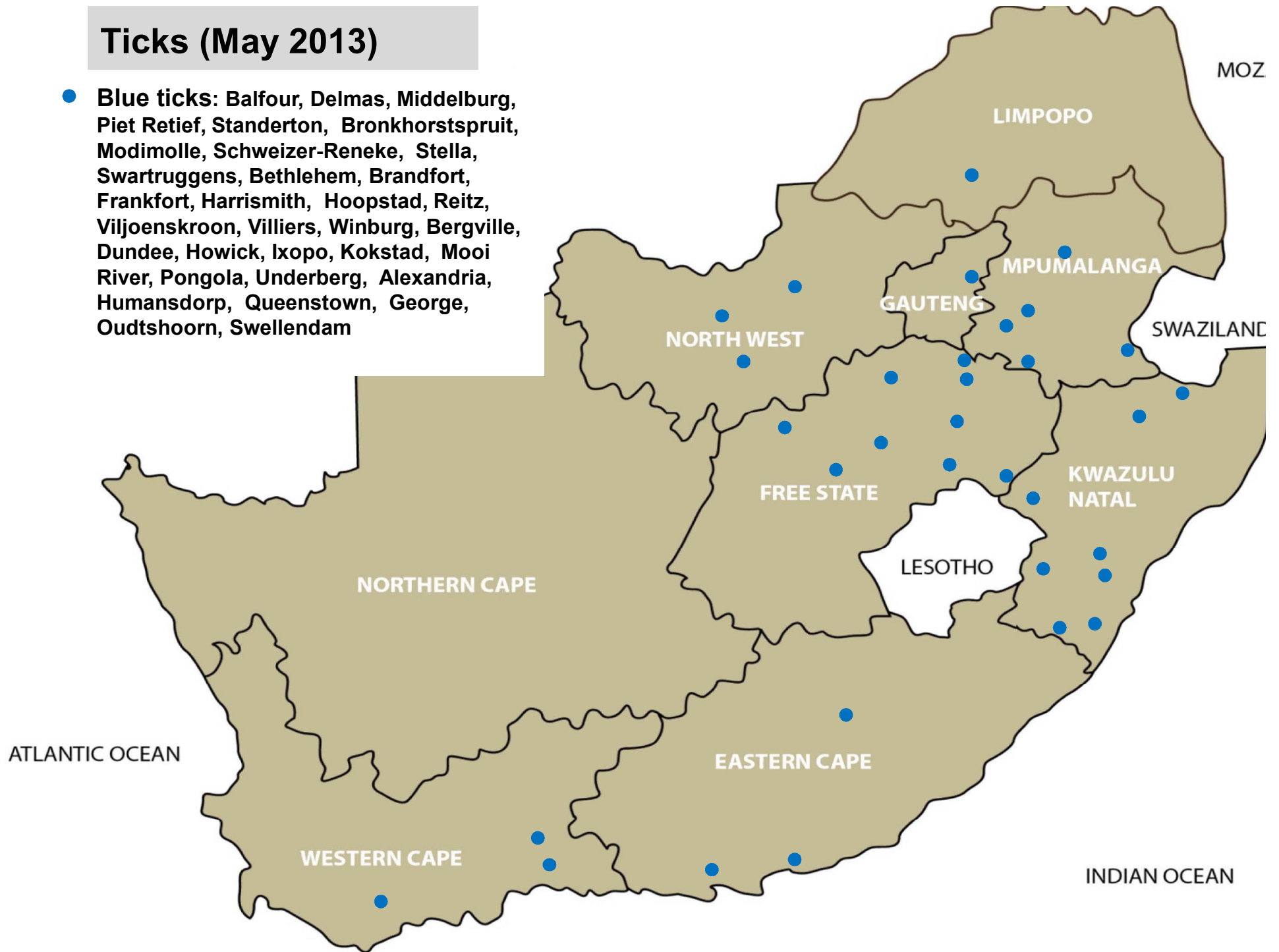
Internal parasites (May 2013)

- **Liver fluke worms:** Middelburg, Standerton, Bronkhorstspuit, Frankfort, Harrismith, Ladybrand, Reitz, Villiers, Dundee, Ixopo, Kokstad, Underberg, Aliwal North, Queenstown, George
- **Conical fluke worms:** Standerton, Heidelberg, Bethlehem, Frankfort, Harrismith, Hoopstad, Ladybrand, Villiers, Bergville, Mtubatuba, Alexandria, Queenstown, Ceres, George, Plettenberg Bay
- ***Parafilaria*:** Mtubatuba, Durbanville, Malmesbury



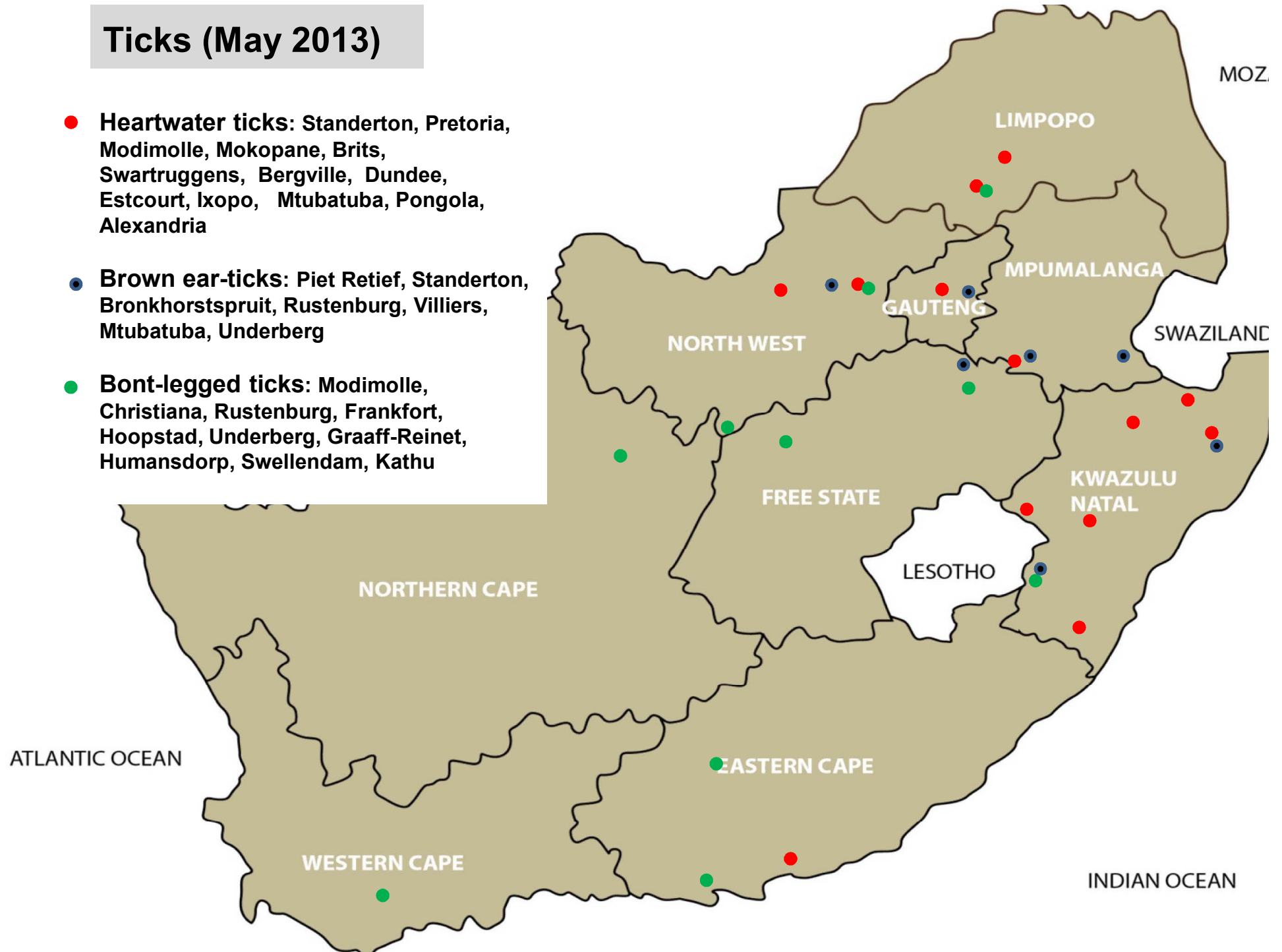
Ticks (May 2013)

- Blue ticks: Balfour, Delmas, Middelburg, Piet Retief, Standerton, Bronkhorstspuit, Modimolle, Schweizer-Reneke, Stella, Swartruggens, Bethlehem, Brandfort, Frankfort, Harrismith, Hoopstad, Reitz, Viljoenskroon, Villiers, Winburg, Bergville, Dundee, Howick, Ixopo, Kokstad, Mooi River, Pongola, Underberg, Alexandria, Humansdorp, Queenstown, George, Oudtshoorn, Swellendam



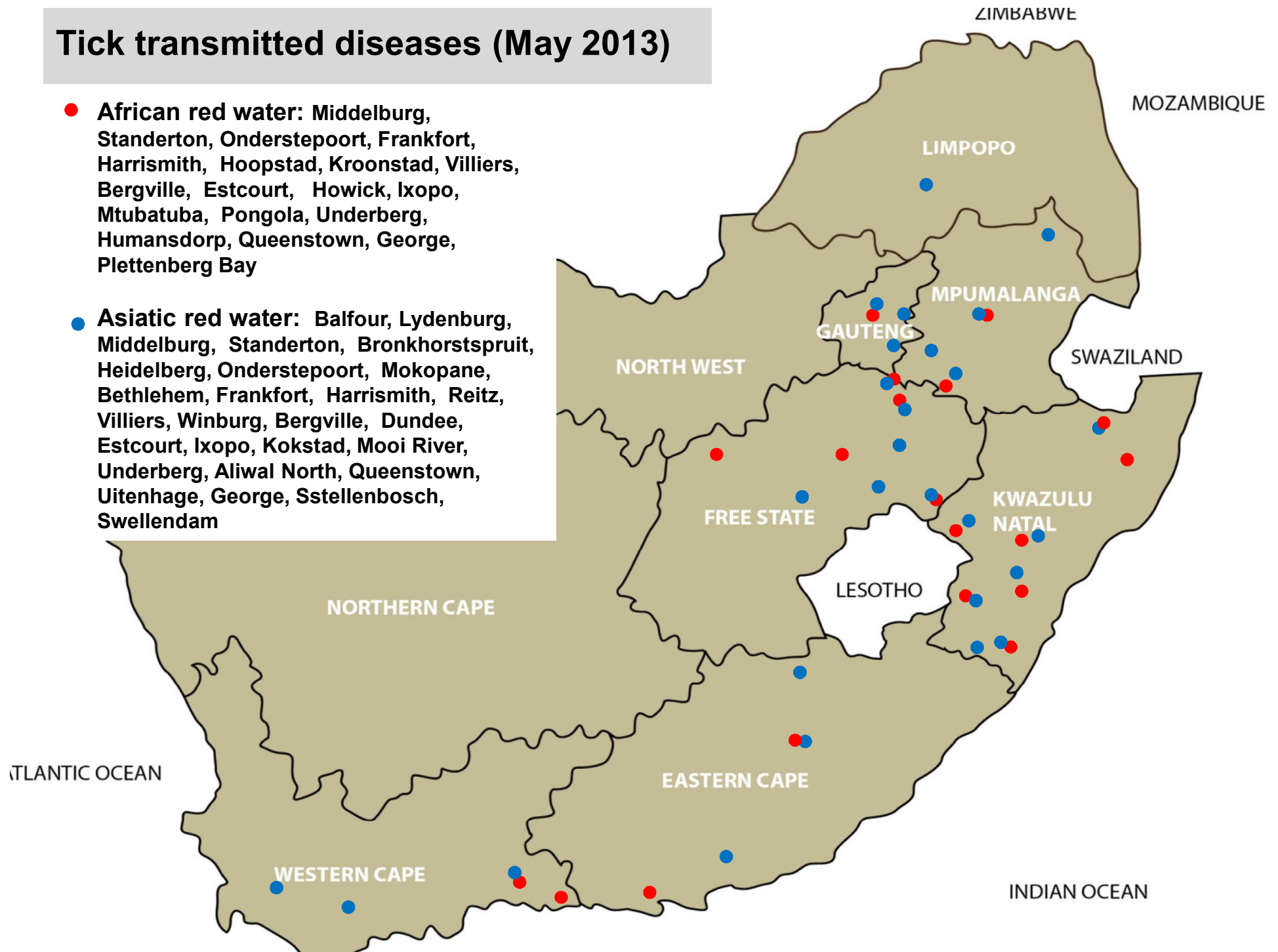
Ticks (May 2013)

- **Heartwater ticks:** Standerton, Pretoria, Modimolle, Mokopane, Brits, Swartruggens, Bergville, Dundee, Estcourt, Ixopo, Mtubatuba, Pongola, Alexandria
- **Brown ear-ticks:** Piet Retief, Standerton, Bronkhorstspuit, Rustenburg, Villiers, Mtubatuba, Underberg
- **Bont-legged ticks:** Modimolle, Christiana, Rustenburg, Frankfort, Hoopstad, Underberg, Graaff-Reinet, Humansdorp, Swellendam, Kathu



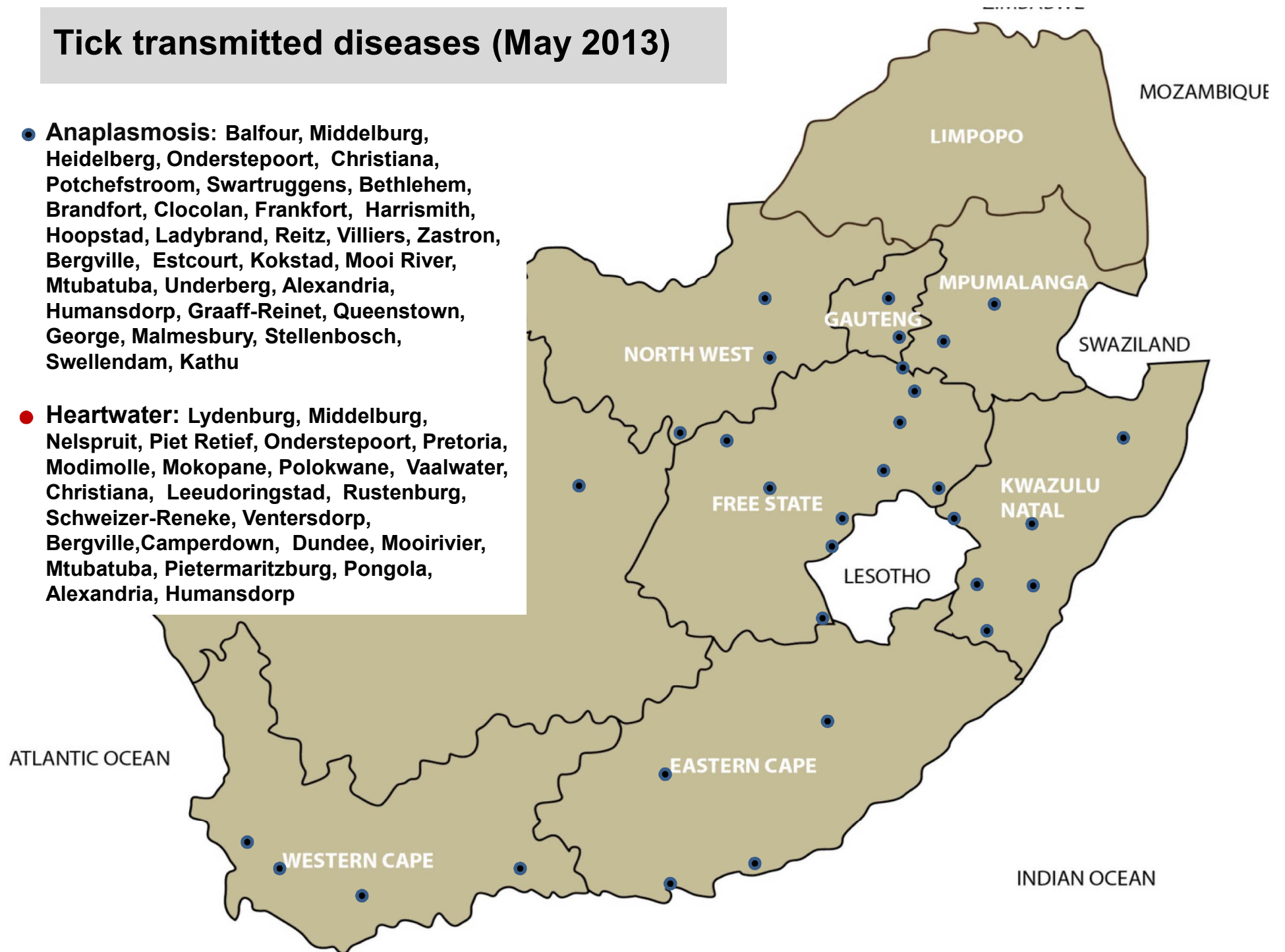
Tick transmitted diseases (May 2013)

- **African red water:** Middelburg, Standerton, Onderstepoort, Frankfort, Harrismith, Hoopstad, Kroonstad, Villiers, Bergville, Estcourt, Howick, Ixopo, Mtubatuba, Pongola, Underberg, Humansdorp, Queenstown, George, Plettenberg Bay
- **Asiatic red water:** Balfour, Lydenburg, Middelburg, Standerton, Bronkhorstspuit, Heidelberg, Onderstepoort, Mokopane, Bethlehem, Frankfort, Harrismith, Reitz, Villiers, Winburg, Bergville, Dundee, Estcourt, Ixopo, Kokstad, Mooi River, Underberg, Aliwal North, Queenstown, Uitenhage, George, Sstellenbosch, Swellendam



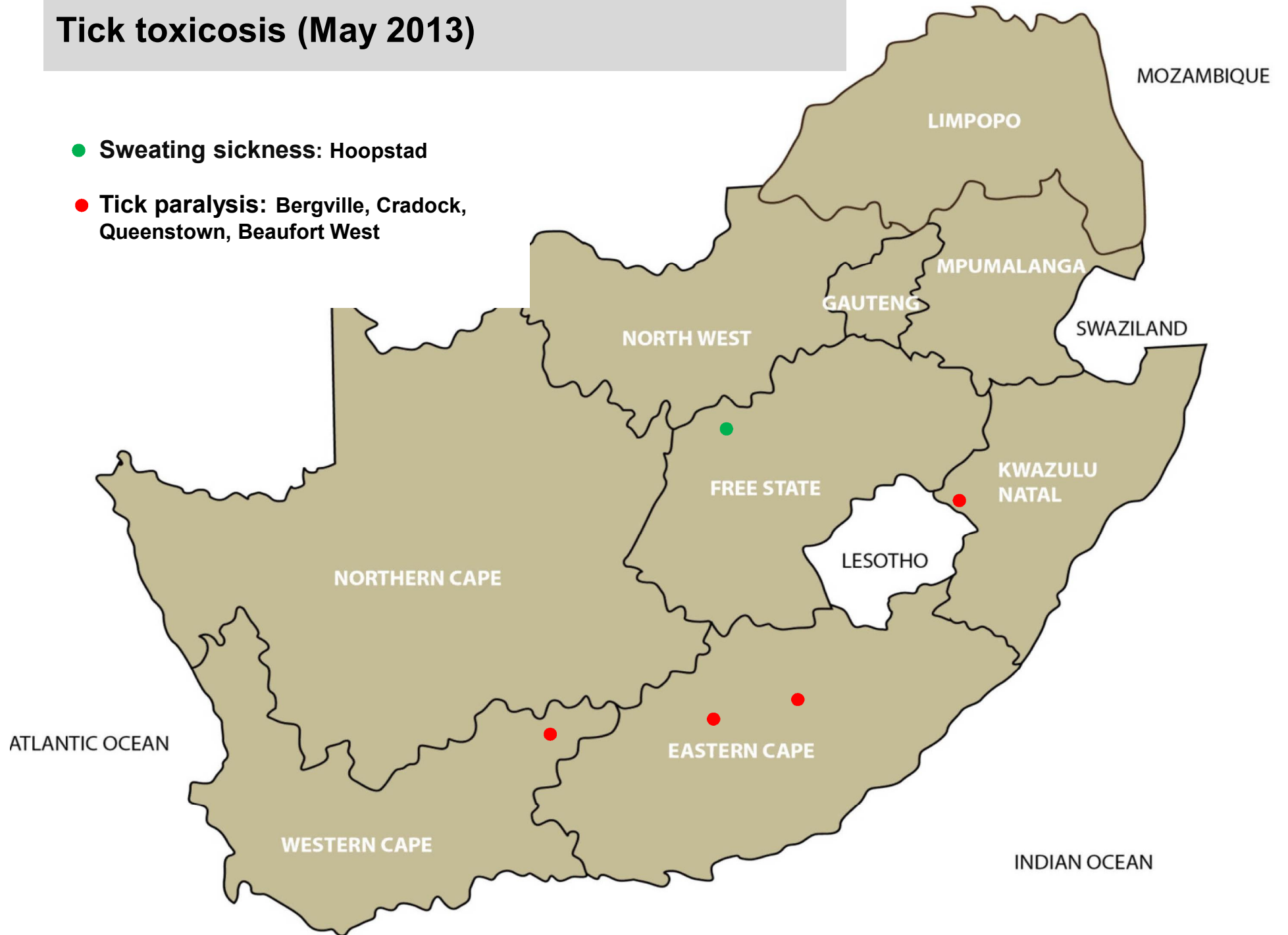
Tick transmitted diseases (May 2013)

- **Anaplasmosis:** Balfour, Middelburg, Heidelberg, Onderstepoort, Christiana, Potchefstroom, Swartruggens, Bethlehem, Brandfort, Clocolan, Frankfort, Harrismith, Hoopstad, Ladybrand, Reitz, Villiers, Zastron, Bergville, Estcourt, Kokstad, Mooi River, Mtubatuba, Underberg, Alexandria, Humansdorp, Graaff-Reinet, Queenstown, George, Malmesbury, Stellenbosch, Swellendam, Kathu
- **Heartwater:** Lydenburg, Middelburg, Nelspruit, Piet Retief, Onderstepoort, Pretoria, Modimolle, Mokopane, Polokwane, Vaalwater, Christiana, Leeudoringstad, Rustenburg, Schweizer-Reneke, Ventersdorp, Bergville, Camperdown, Dundee, Mooirivier, Mtubatuba, Pietermaritzburg, Pongola, Alexandria, Humansdorp



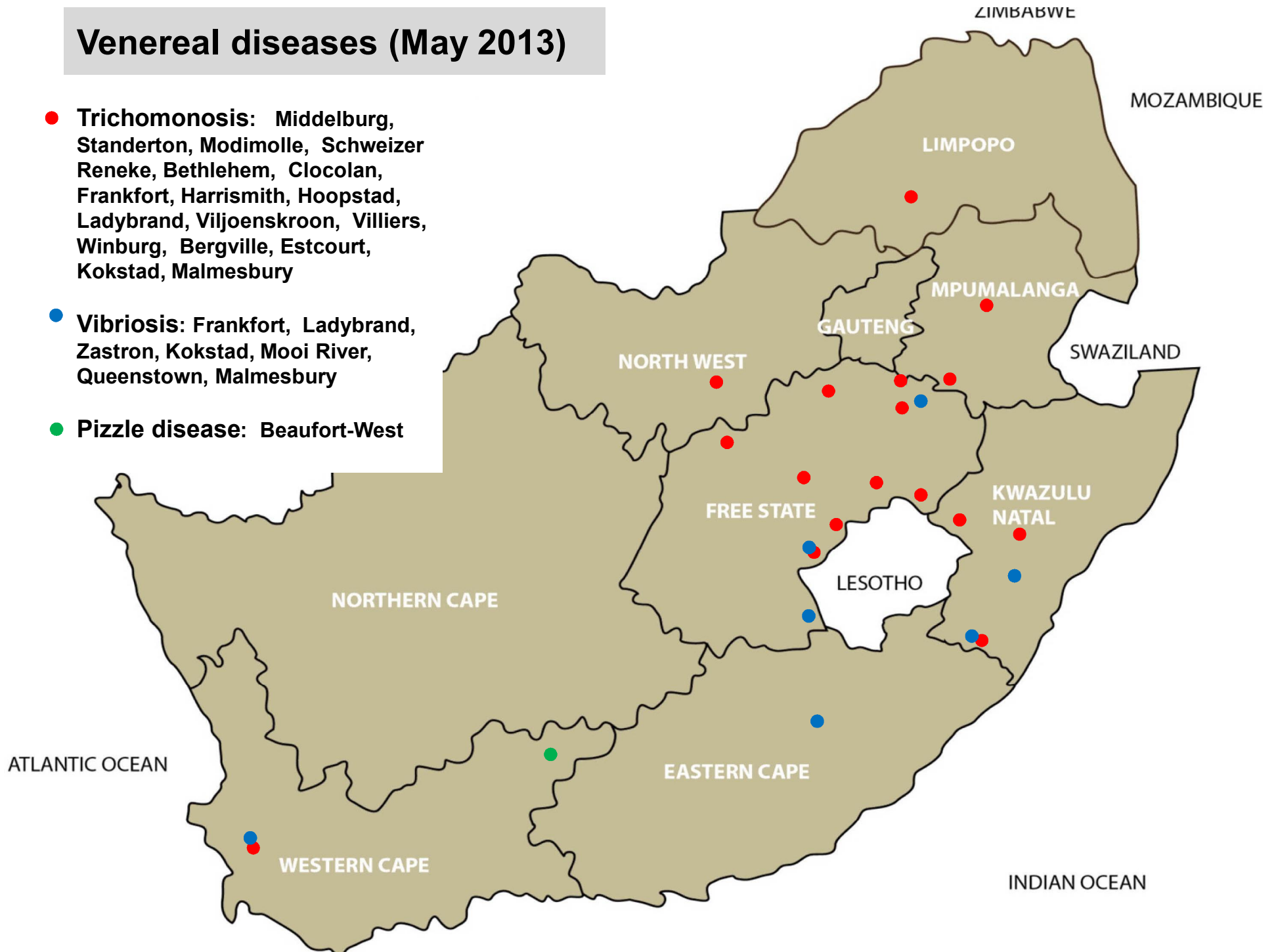
Tick toxicosis (May 2013)

- Sweating sickness: Hoopstad
- Tick paralysis: Bergville, Cradock, Queenstown, Beaufort West



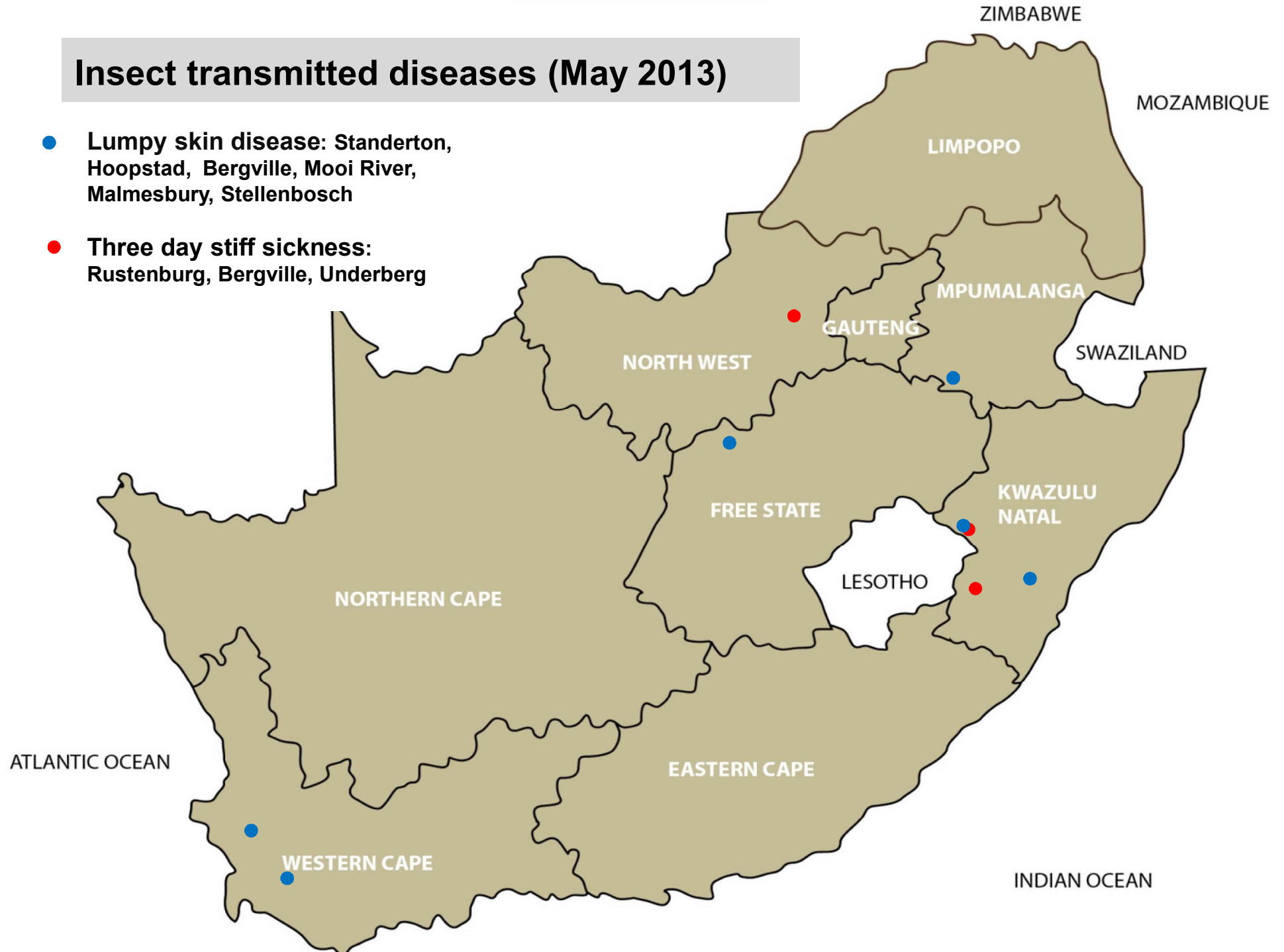
Venereal diseases (May 2013)

- **Trichomonosis:** Middelburg, Standerton, Modimolle, Schweizer Reneke, Bethlehem, Clocolan, Frankfort, Harrismith, Hoopstad, Ladybrand, Viljoenskroon, Villiers, Winburg, Bergville, Estcourt, Kokstad, Malmesbury
- **Vibriosis:** Frankfort, Ladybrand, Zastron, Kokstad, Mooi River, Queenstown, Malmesbury
- **Pizzle disease:** Beaufort-West



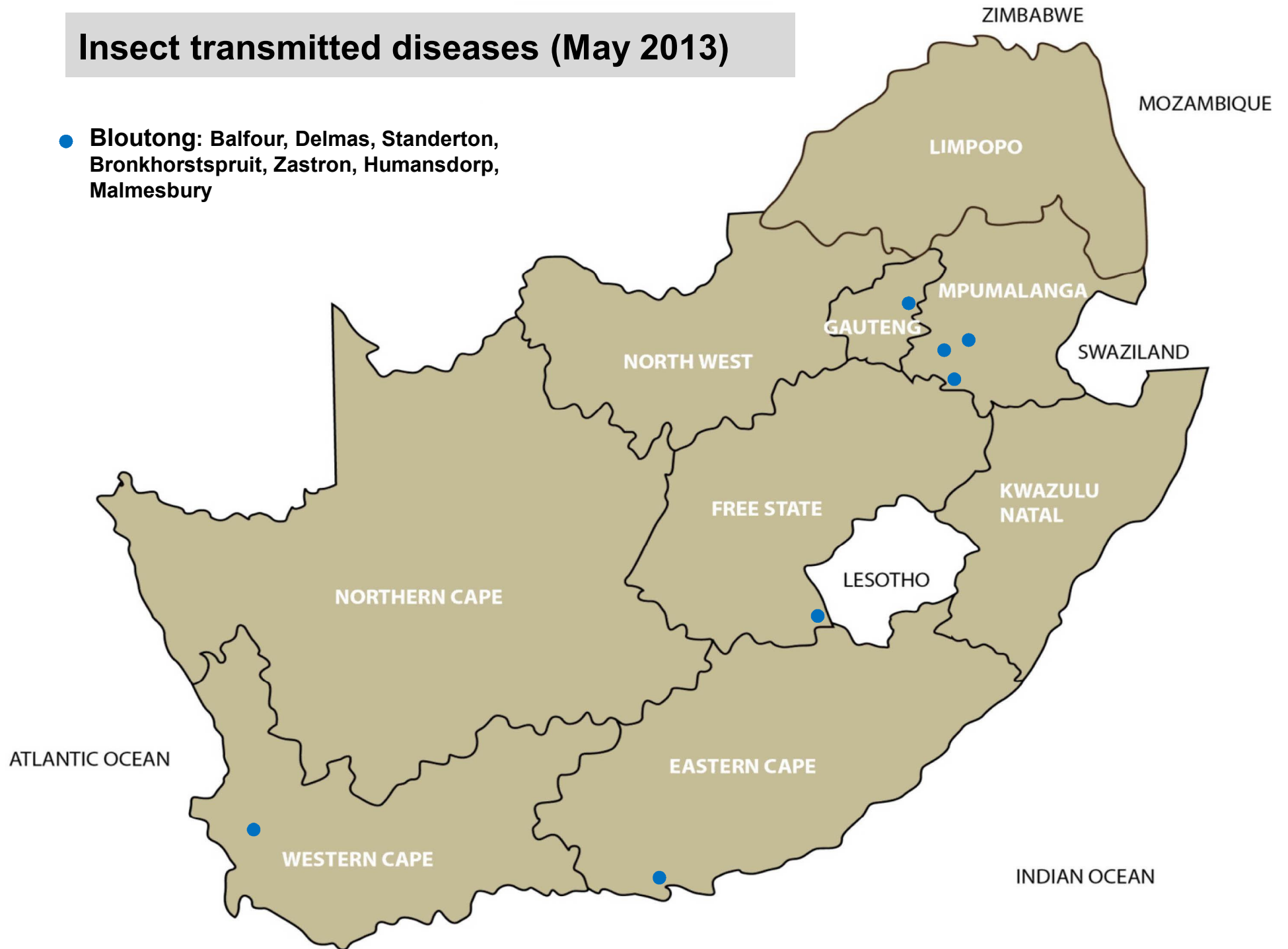
Insect transmitted diseases (May 2013)

- **Lumpy skin disease:** Standerton, Hoopstad, Bergville, Mooi River, Malmesbury, Stellenbosch
- **Three day stiff sickness:** Rustenburg, Bergville, Underberg



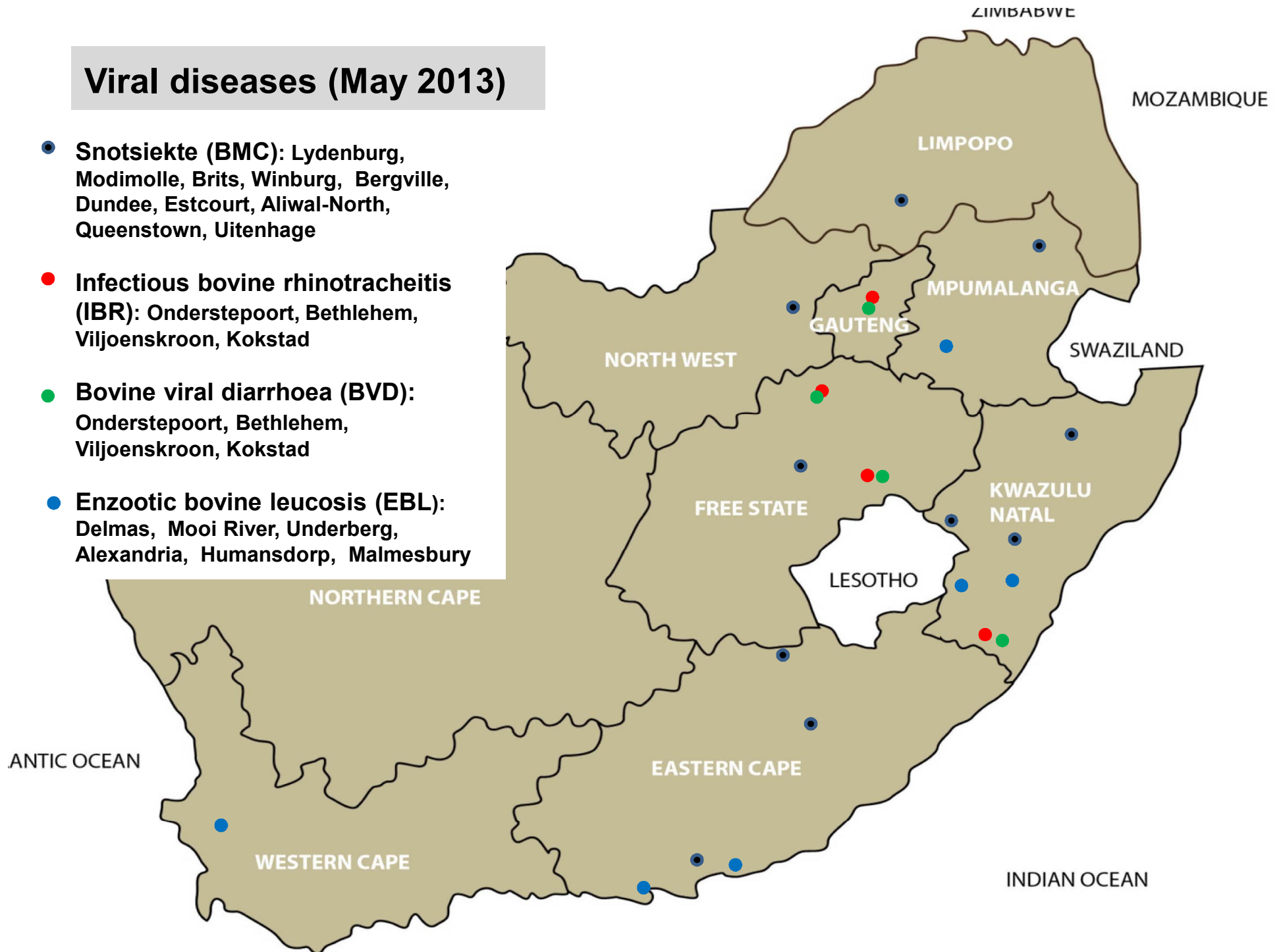
Insect transmitted diseases (May 2013)

- **Bloutong:** Balfour, Delmas, Standerton, Bronkhorstspuit, Zastron, Humansdorp, Malmesbury



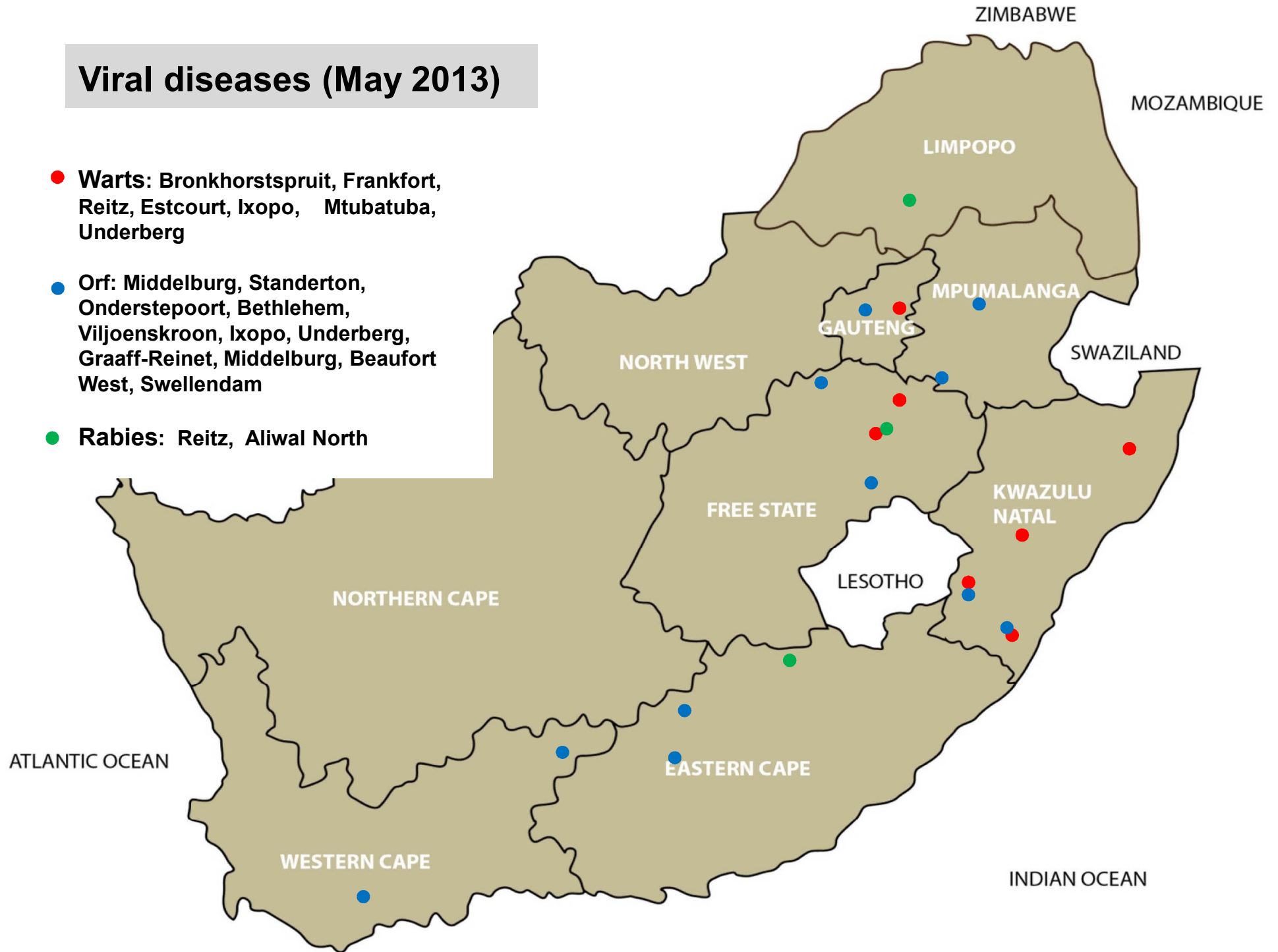
Viral diseases (May 2013)

- **Snotsiekte (BMC):** Lydenburg, Modimolle, Brits, Winburg, Bergville, Dundee, Estcourt, Aliwal-North, Queenstown, Uitenhage
- **Infectious bovine rhinotracheitis (IBR):** Onderstepoort, Bethlehem, Viljoenskroon, Kokstad
- **Bovine viral diarrhoea (BVD):** Onderstepoort, Bethlehem, Viljoenskroon, Kokstad
- **Enzootic bovine leucosis (EBL):** Delmas, Mooi River, Underberg, Alexandria, Humansdorp, Malmesbury



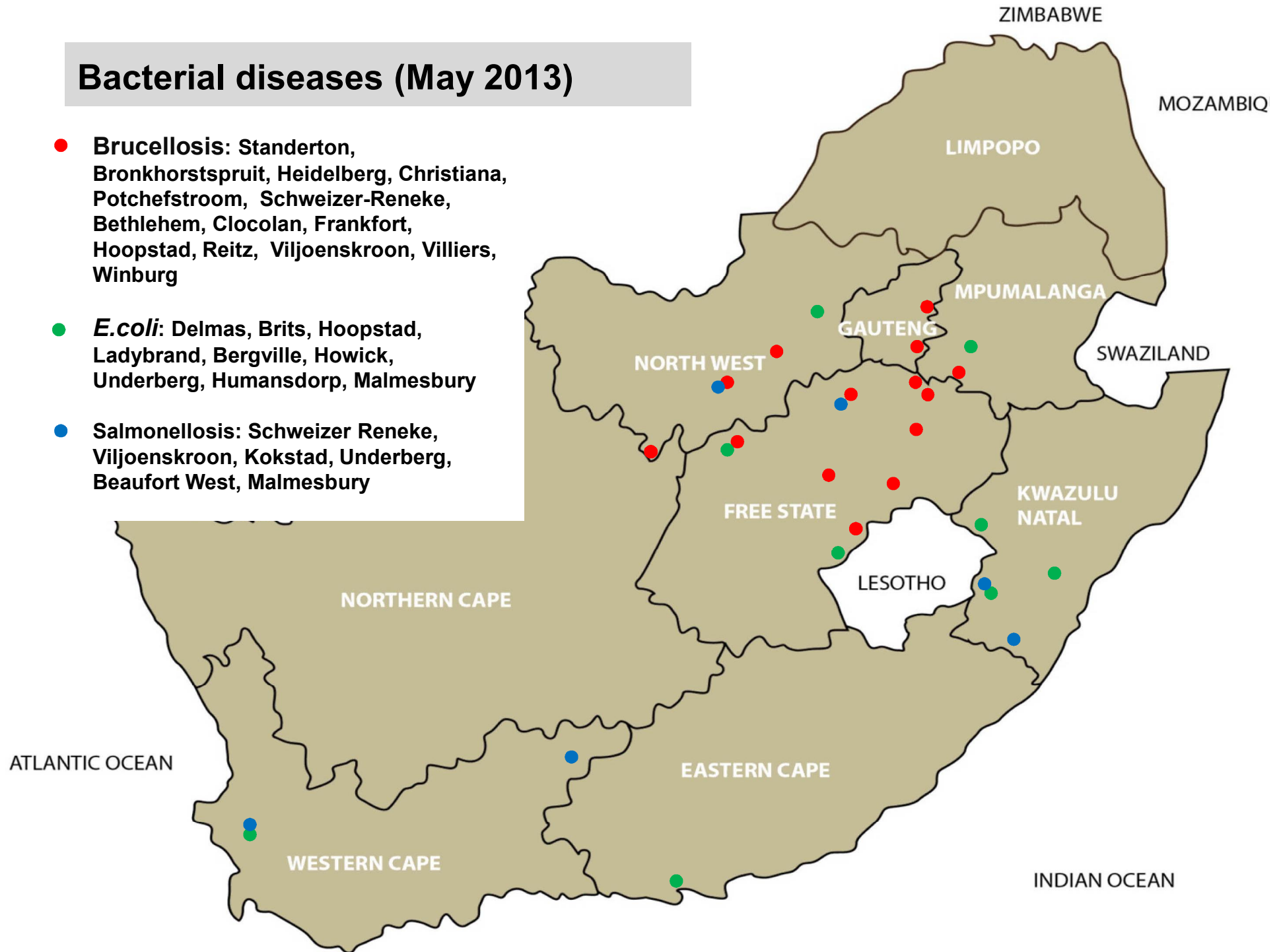
Viral diseases (May 2013)

- **Warts:** Bronkhorstspuit, Frankfort, Reitz, Estcourt, Ixopo, Mtubatuba, Underberg
- **Orf:** Middelburg, Standerton, Onderstepoort, Bethlehem, Viljoenskroon, Ixopo, Underberg, Graaff-Reinet, Middelburg, Beaufort West, Swellendam
- **Rabies:** Reitz, Aliwal North



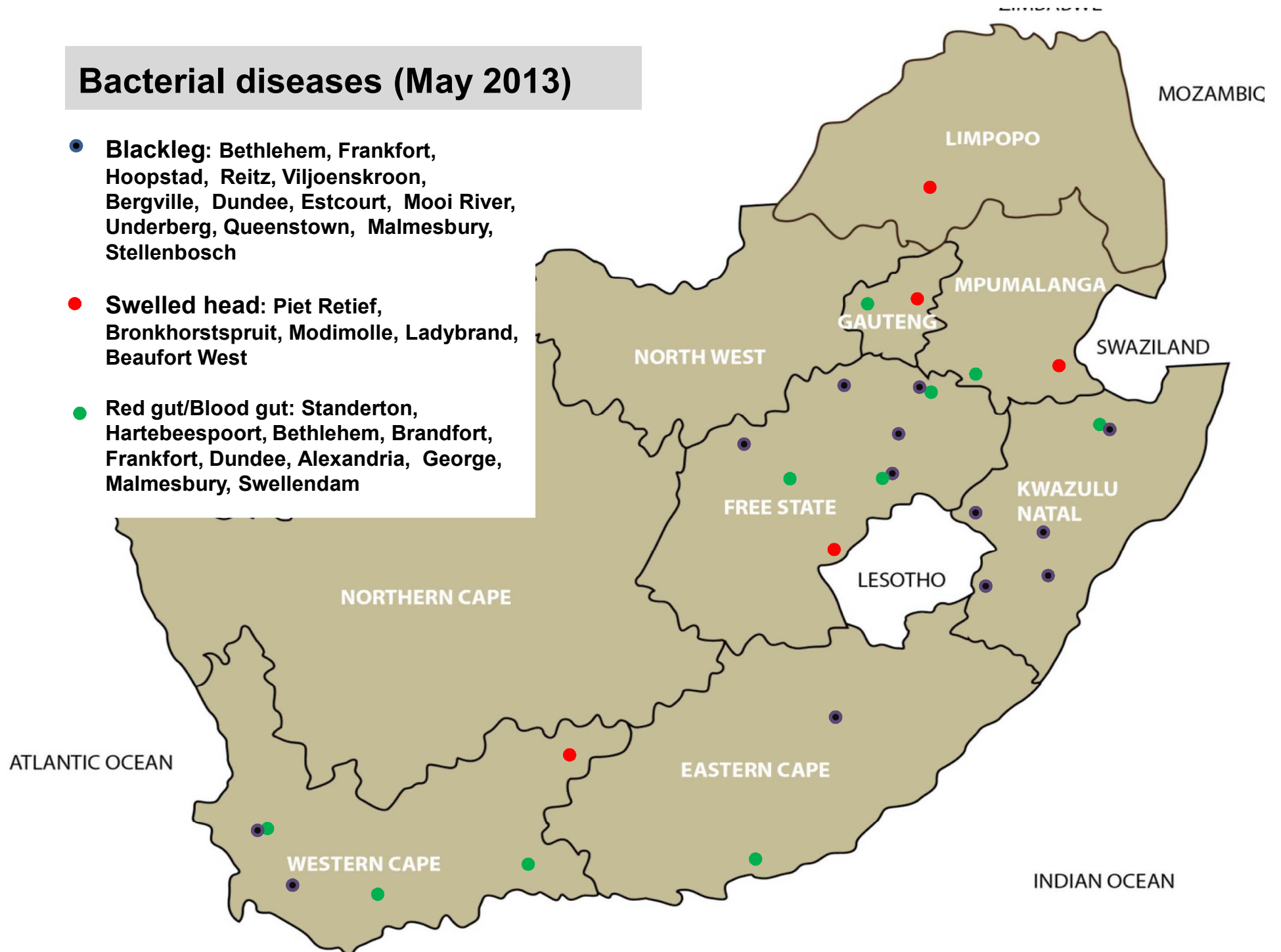
Bacterial diseases (May 2013)

- **Brucellosis:** Standerton, Bronkhorstspuit, Heidelberg, Christiana, Potchefstroom, Schweizer-Reneke, Bethlehem, Clocolan, Frankfort, Hoopstad, Reitz, Viljoenskroon, Villiers, Winburg
- ***E.coli*:** Delmas, Brits, Hoopstad, Ladybrand, Bergville, Howick, Underberg, Humansdorp, Malmesbury
- **Salmonellosis:** Schweizer Reneke, Viljoenskroon, Kokstad, Underberg, Beaufort West, Malmesbury



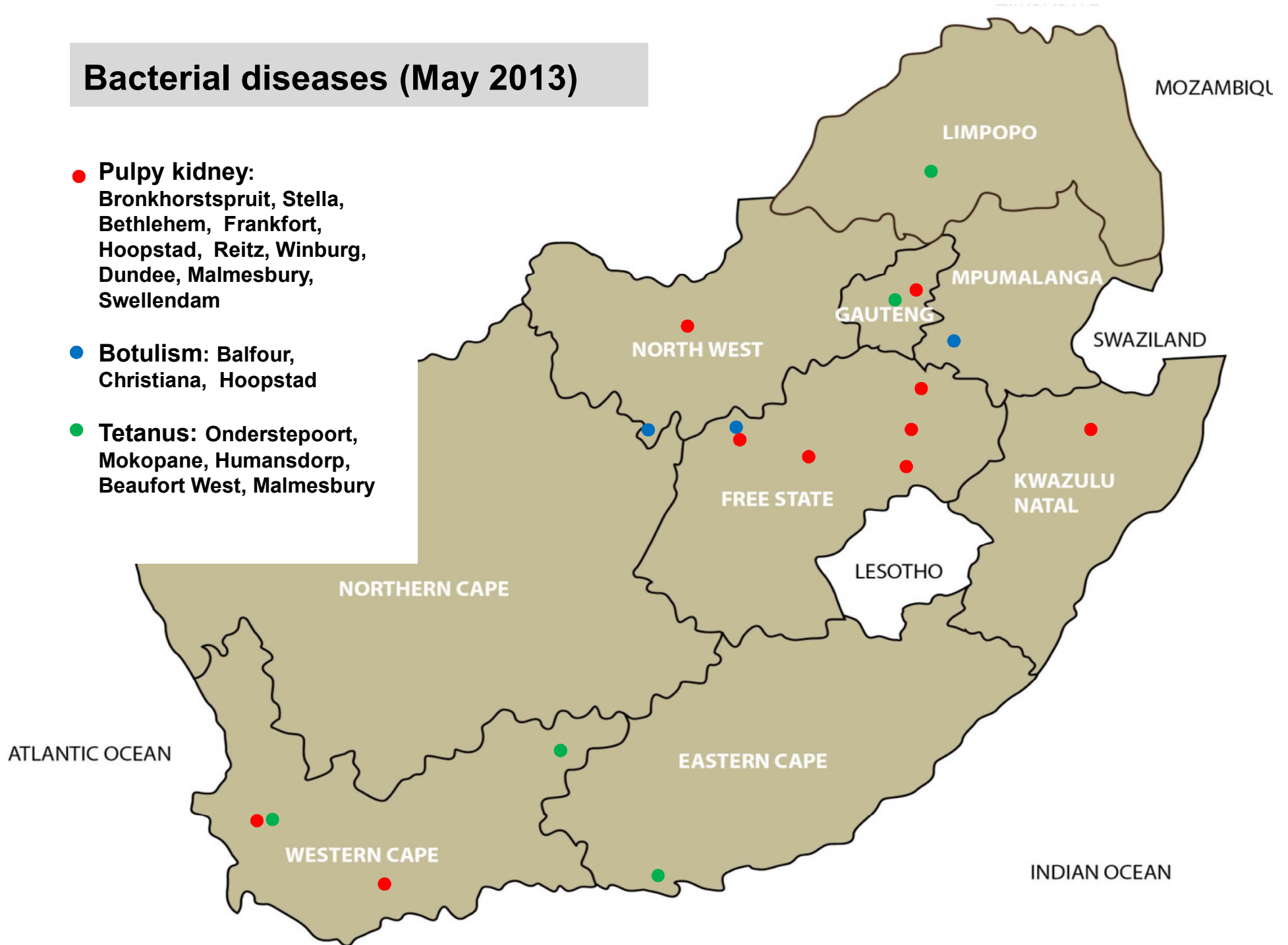
Bacterial diseases (May 2013)

- **Blackleg:** Bethlehem, Frankfort, Hoopstad, Reitz, Viljoenskroon, Bergville, Dundee, Estcourt, Mooi River, Underberg, Queenstown, Malmesbury, Stellenbosch
- **Swelled head:** Piet Retief, Bronkhorstspuit, Modimolle, Ladybrand, Beaufort West
- **Red gut/Blood gut:** Standerton, Hartebeespoort, Bethlehem, Brandfort, Frankfort, Dundee, Alexandria, George, Malmesbury, Swellendam



Bacterial diseases (May 2013)

- **Pulpy kidney:** Bronkhorstspuit, Stella, Bethlehem, Frankfort, Hoopstad, Reitz, Winburg, Dundee, Malmesbury, Swellendam
- **Botulism:** Balfour, Christiana, Hoopstad
- **Tetanus:** Onderstepoort, Mokopane, Humansdorp, Beaufort West, Malmesbury



Pneumonia (May 2013)

- Pneumonia: Balfour, Delmas, Lydenburg, Middelburg, Piet Retief, Standerton, Hartebeespoort, Onderstepoort, Pretoria, Modimolle, Rustenburg, Schweizer Reneke, Bethlehem, Frankfort, Harrismith, Ladybrand, Reitz, Viljoenskroon, Villiers, Bergville, Estcourt, Howick, Mtubatuba, Underberg, Alexandria, Beaufort West, Ceres, Durbanville, Malmesbury, Calvinia, Upington

