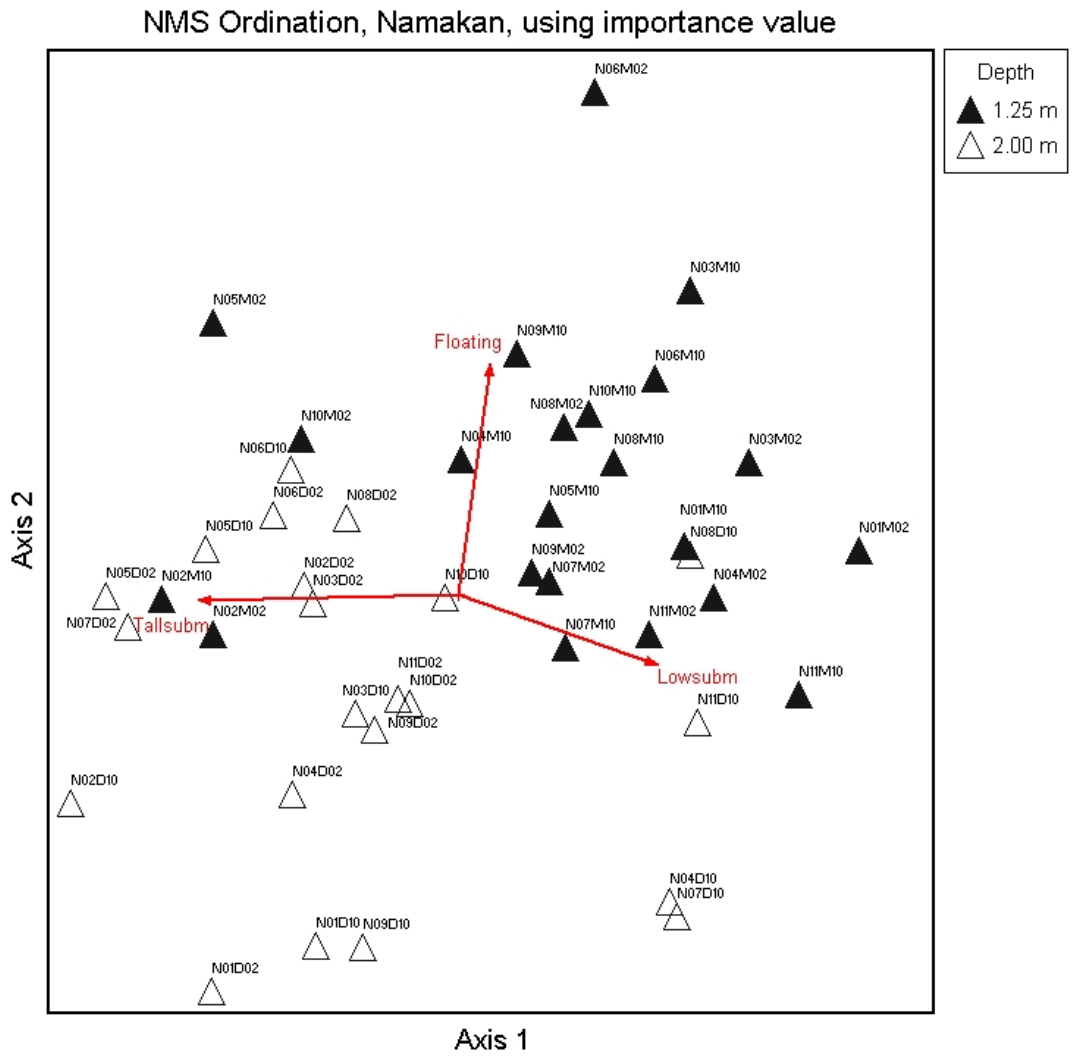

Figure 4. Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2002 and 2010 Namakan sites labeled by depth. For example N01D02 is Namakan site 1 at 2.00 m (deep) in 2002.

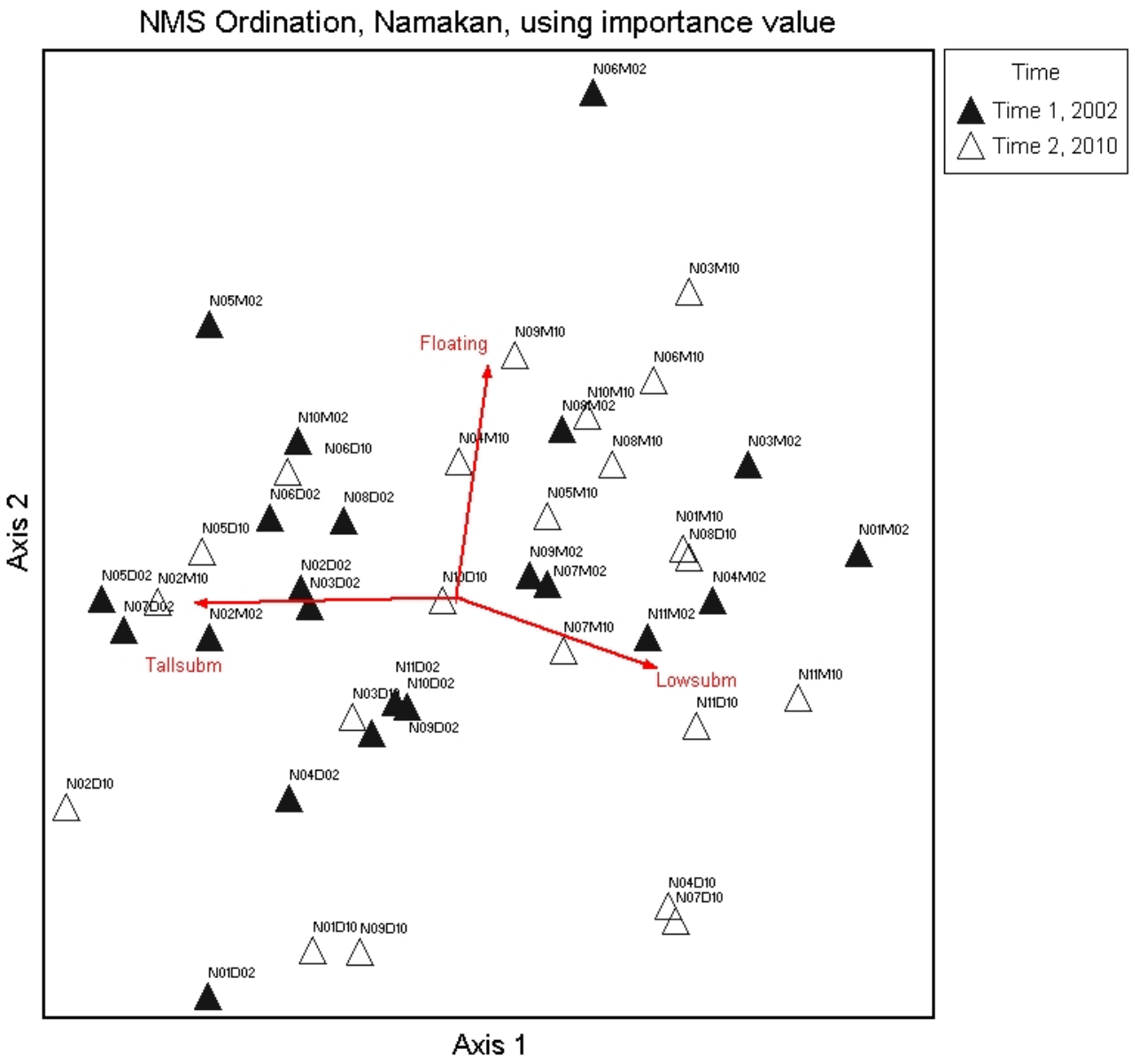

Figure 5. Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2002 and 2010 Namakan sites labeled by time. For example N01D02 is Namakan site 1 at 2.00 m (deep) in 2002.

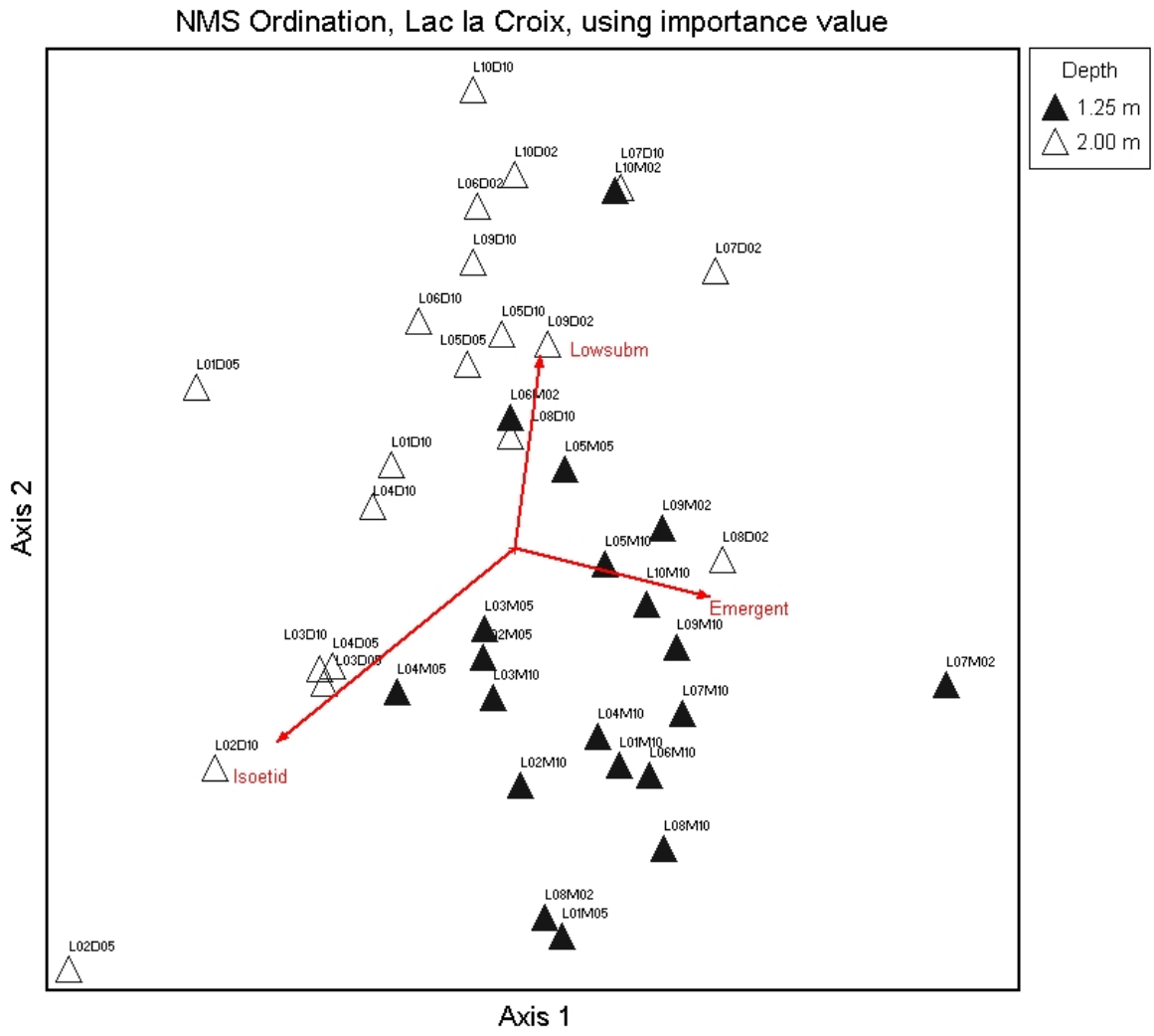

Figure 6 . Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2002-5 and 2010 Lac la Croix sites labeled by depth. For example L01D02 is Lac la Croix site 1 at 2.00 m (deep) in 2002.

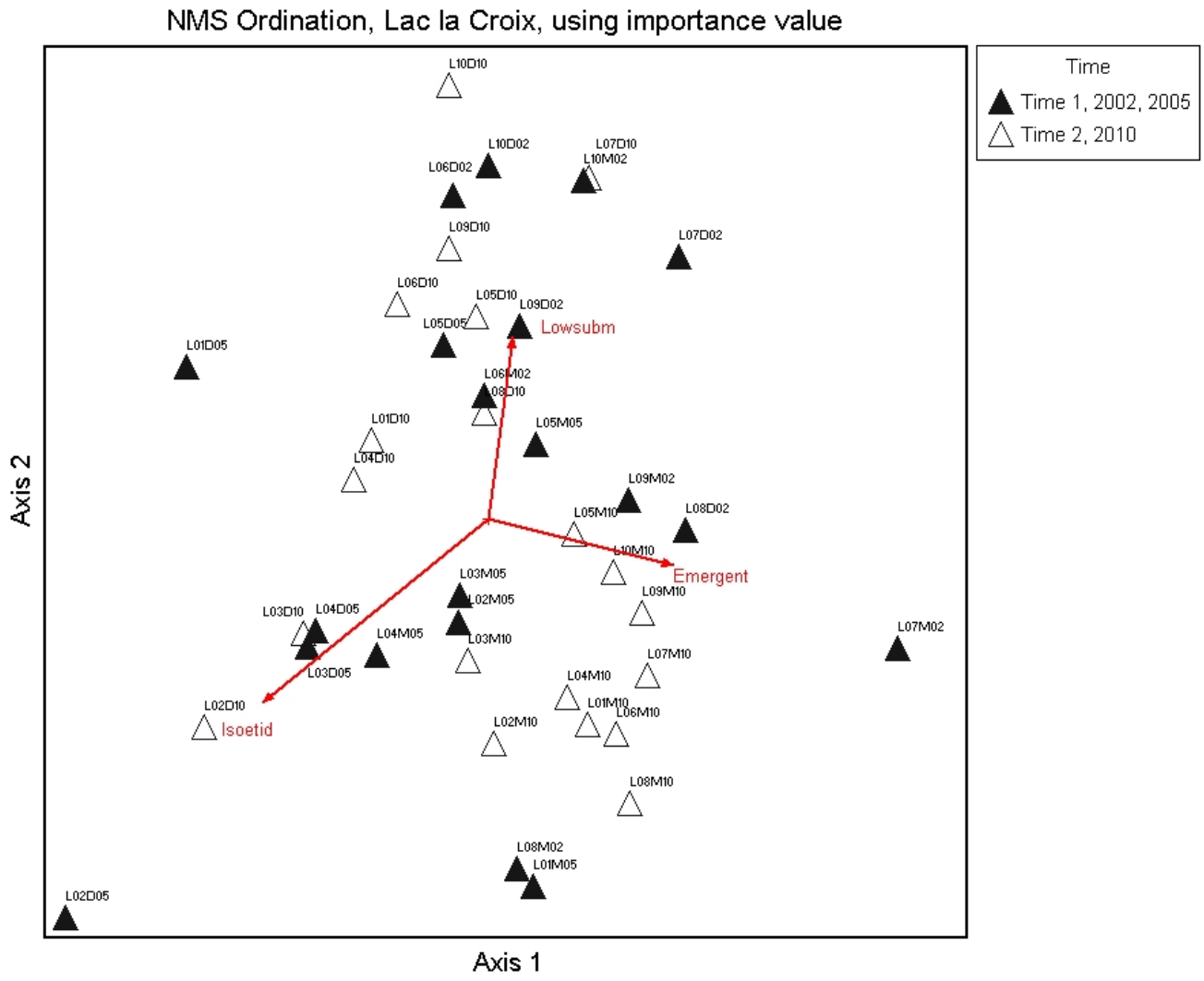

Figure 7. Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2002-5 and 2010 Lac la Croix sites labeled by time. For example L01D02 is Lac la Croix site 1 at 2.00 m (deep) in 2002.

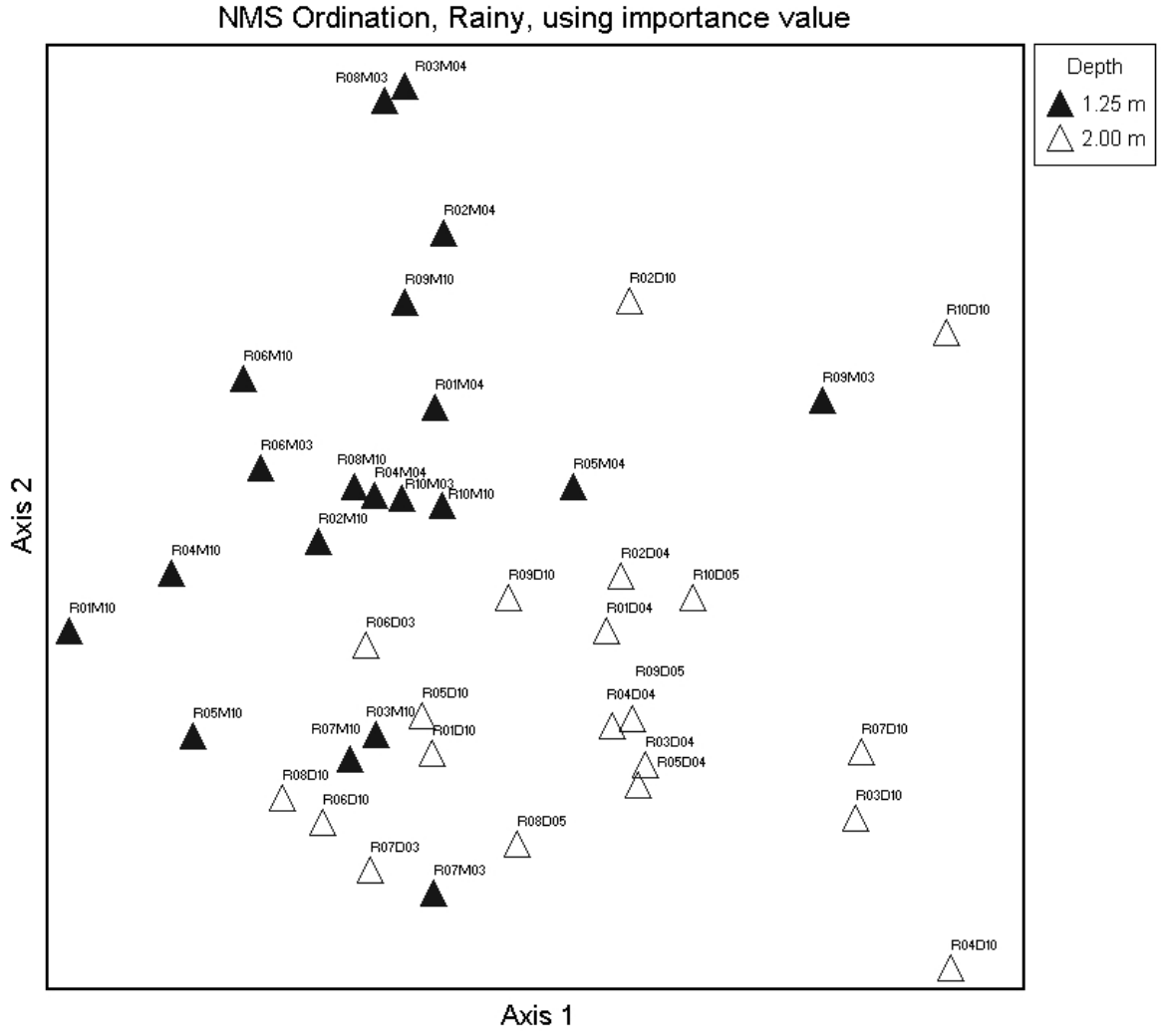

Figure 8. Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2003-5 and 2010 Rainy sites labeled by depth. For example R01D05 is Rainy site 1 at 2.00 m (deep) in 2005.

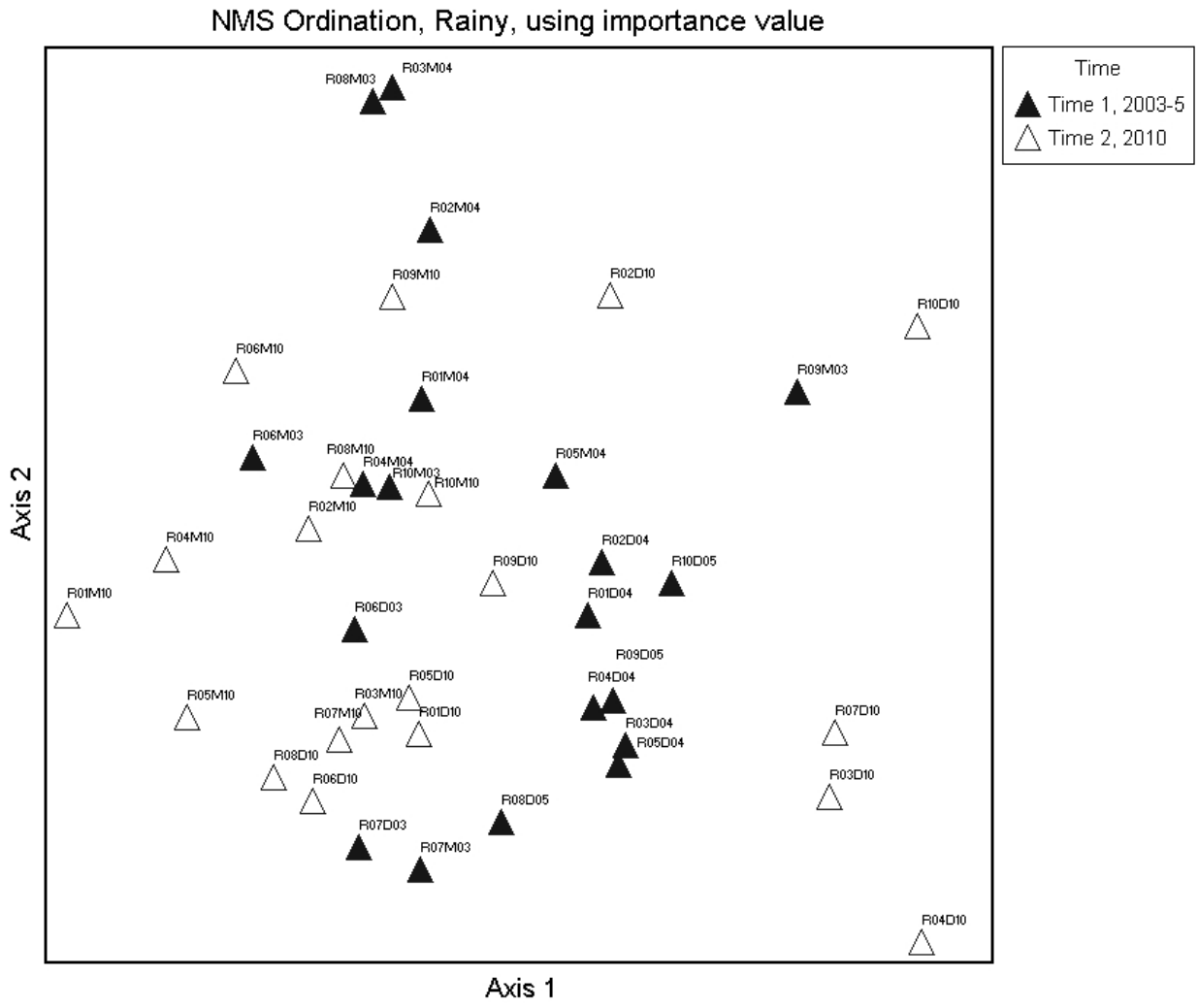

Figure 9. Non-metric multidimensional scaling (NMS) ordination using Importance Values for all 2003-5 and 2010 Rainy sites labeled by time. For example R01D05 is Rainy site 1 at 2.00 m (deep) in 2005.

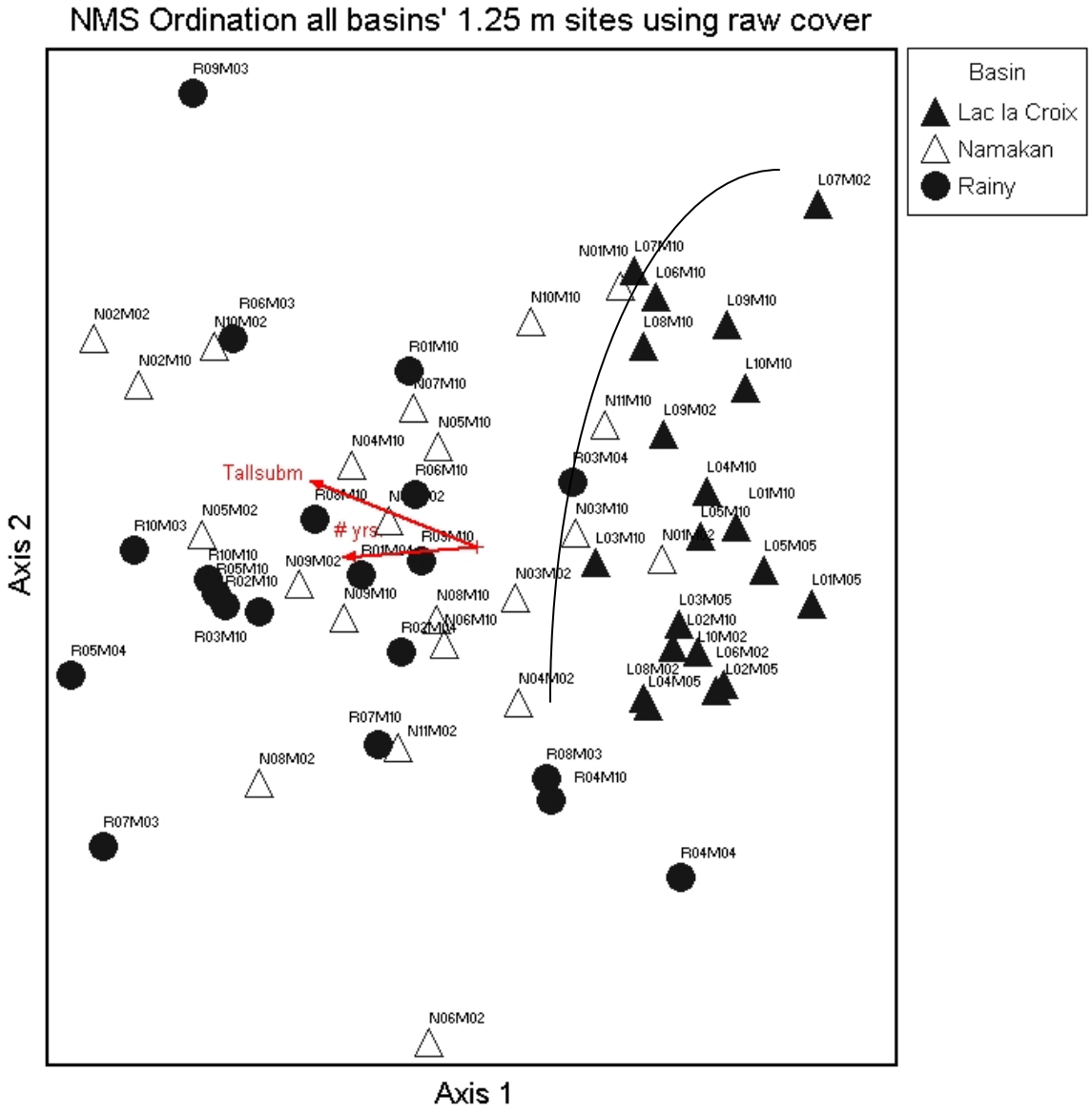

Figure 10. Non-metric multidimensional scaling (NMS) ordination using raw cover for all time 1 (2002-5) and Time 2 (2010), 1.25 m sites . Sites are labeled by basin, site #, depth and year, for example R01M05 is Rainy site 1 at 1.25 m (mid deep) in 2005. Arc highlights separation between Lac la Croix and the other two basins.

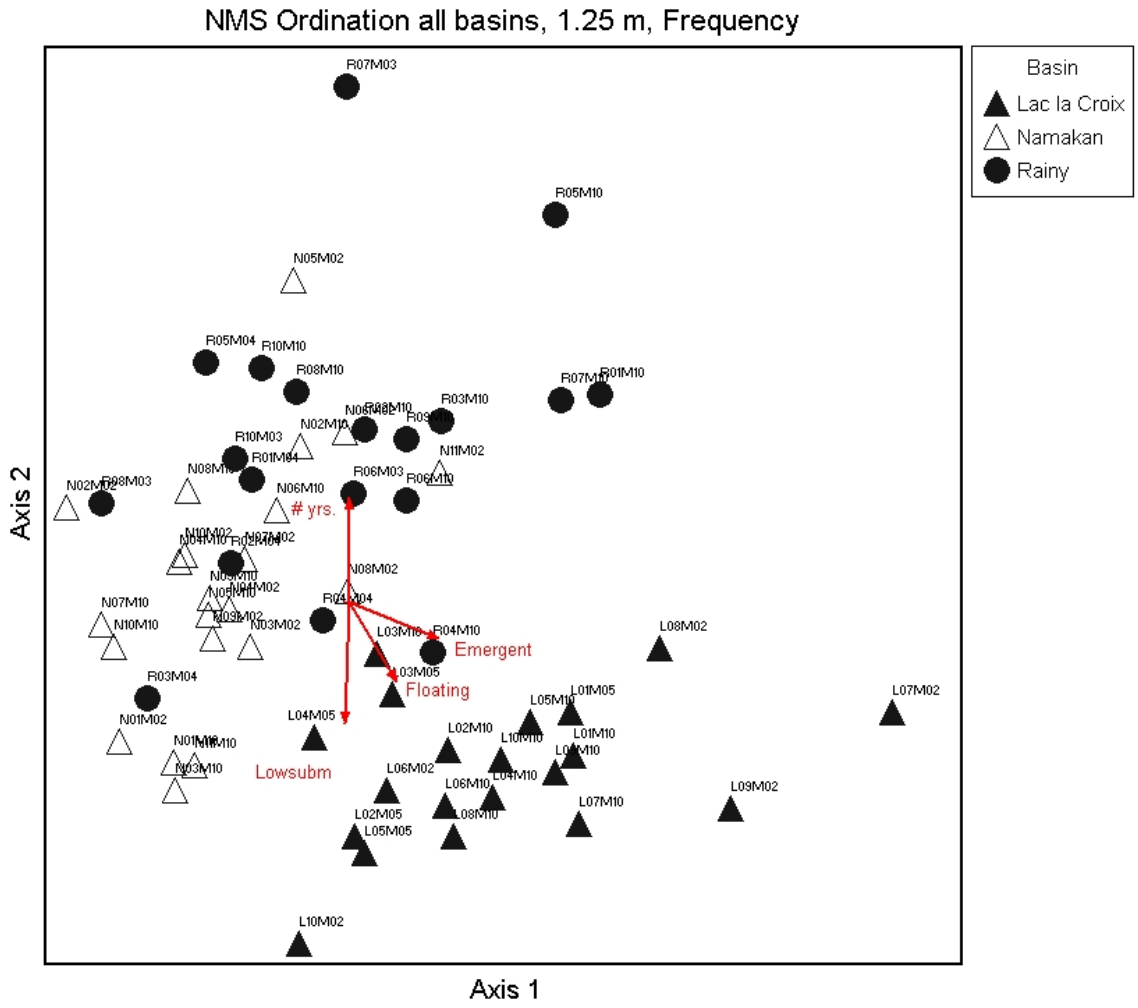

Figure 11. Non-metric multidimensional scaling (NMS) ordination using frequency for all time 1 (2002-5) and Time 2 (2010), 1.25 m sites . Sites are labeled by basin, site #, depth and year, for example R01M05 is Rainy site 1 at 1.25 m (mid deep) in 2005. Arc highlights separation between Lac la Croix and the other two basins.

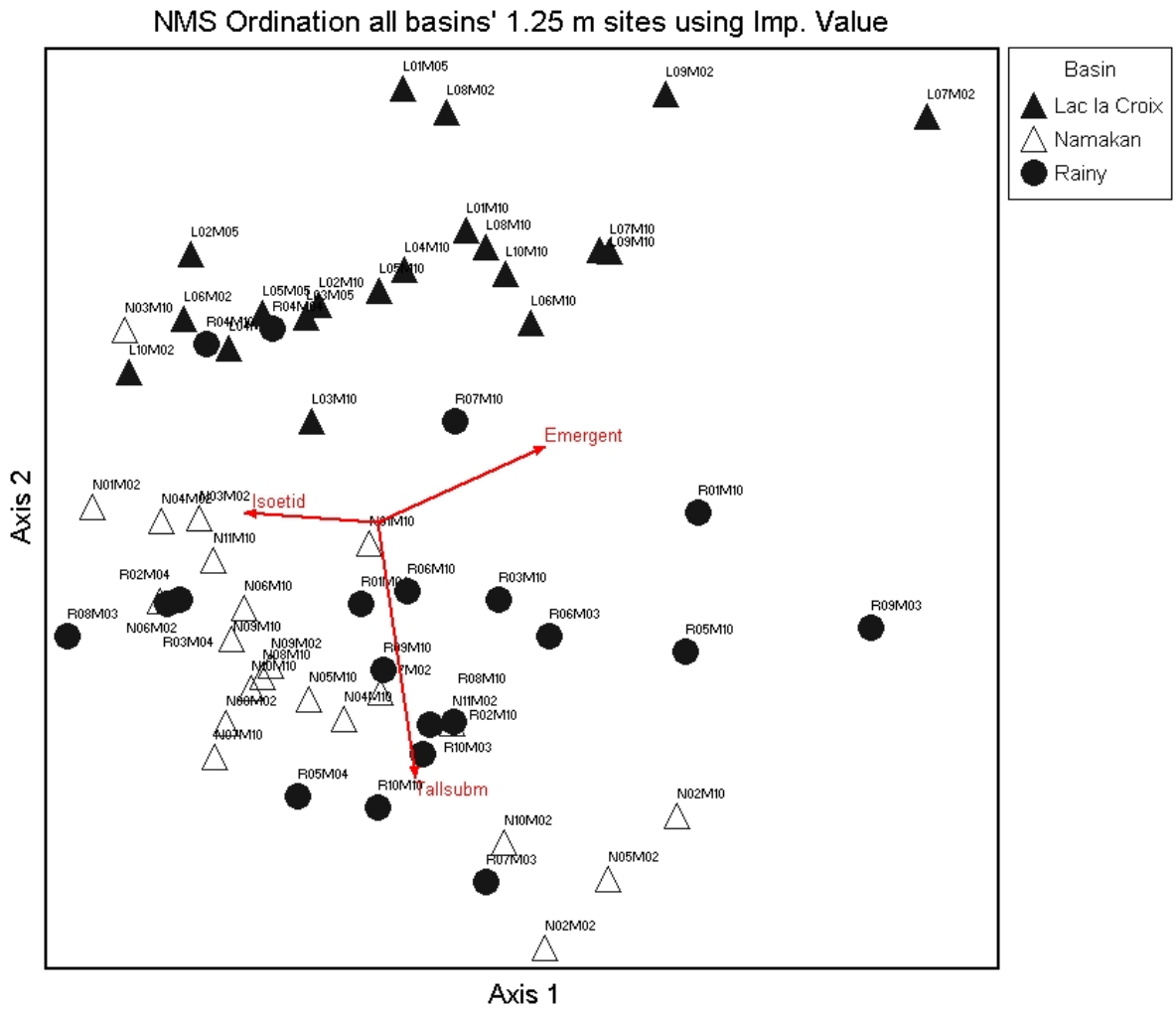

Figure 12. Non-metric multidimensional scaling (NMS) ordination using importance value for all time 1 (2002-5) and Time 2 (2010), 1.25 m sites . Sites are labeled by basin, site #, depth and year, for example R01M05 is Rainy site 1 at 1.25 m (mid deep) in 2005. Arc generally highlights separation between Lac la Croix and the other two basins.

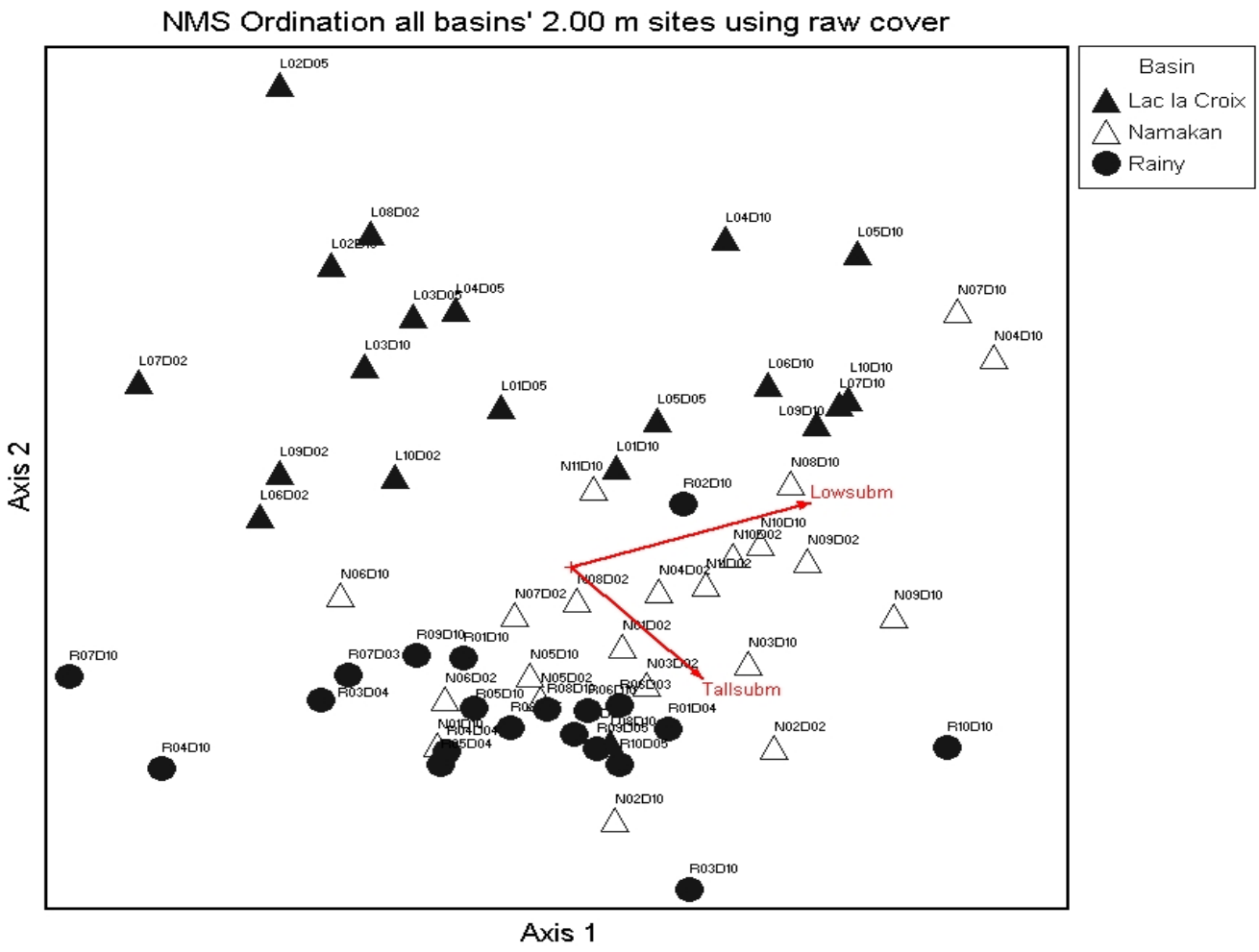

Figure 13. Non-metric multidimensional scaling (NMS) ordination using raw cover for all time 1 (2002-5) and Time 2 (2010), 2.00 m sites . Sites are labeled by basin, site #, depth and year, for example R01D05 is Rainy site 1 at 2.00 m (deep) in 2005. Arc highlights separation between Lac la Croix and the other two basins.

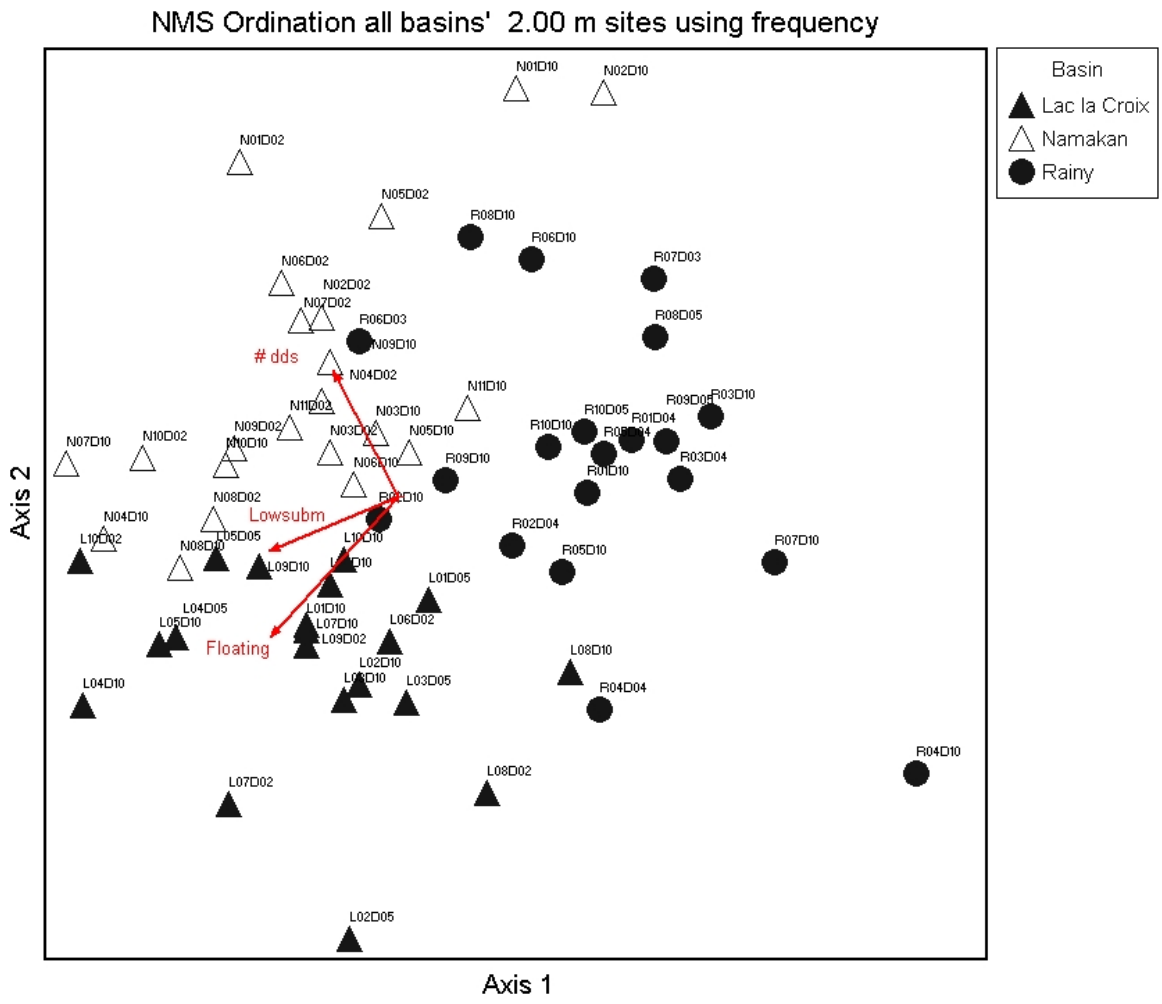

Figure 14. Non-metric multidimensional scaling (NMS) ordination using frequency for all time 1 (2002-5) and Time 2 (2010), 2.00 m sites . Sites are labeled by basin, site #, depth and year, for example R01D05 is Rainy site 1 at 2.00 m (deep) in 2005. Arc highlights separation between Lac la Croix and the other two basins.

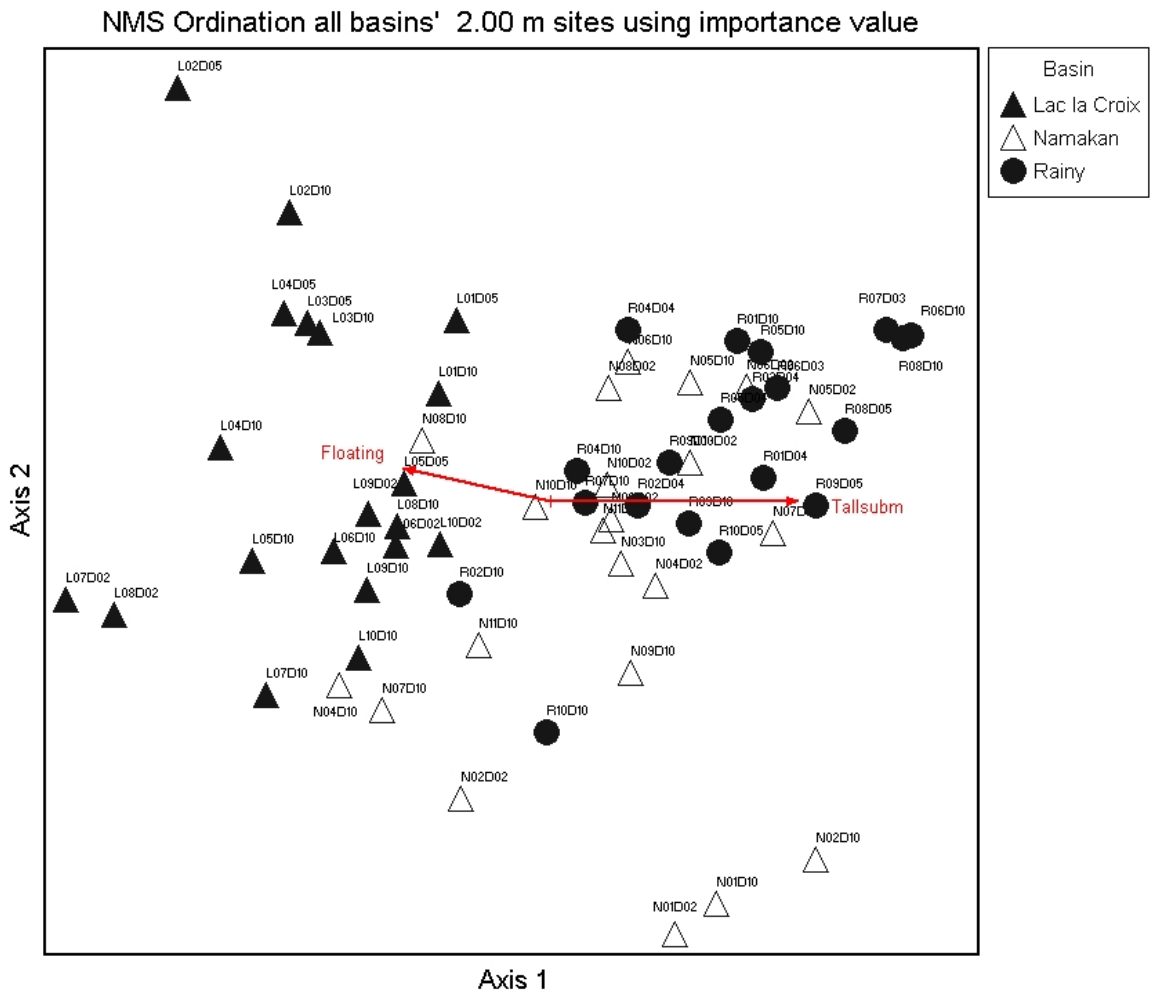

Figure 15. Non-metric multidimensional scaling (NMS) ordination using importance value for all time 1 (2002-5) and Time 2 (2010), 2.00 m sites . Sites are labeled by basin, site #, depth and year, for example R01D05 is Rainy site 1 at 2.00 m (deep) in 2005. Arc highlights separation between Lac la Croix and the other two basins.

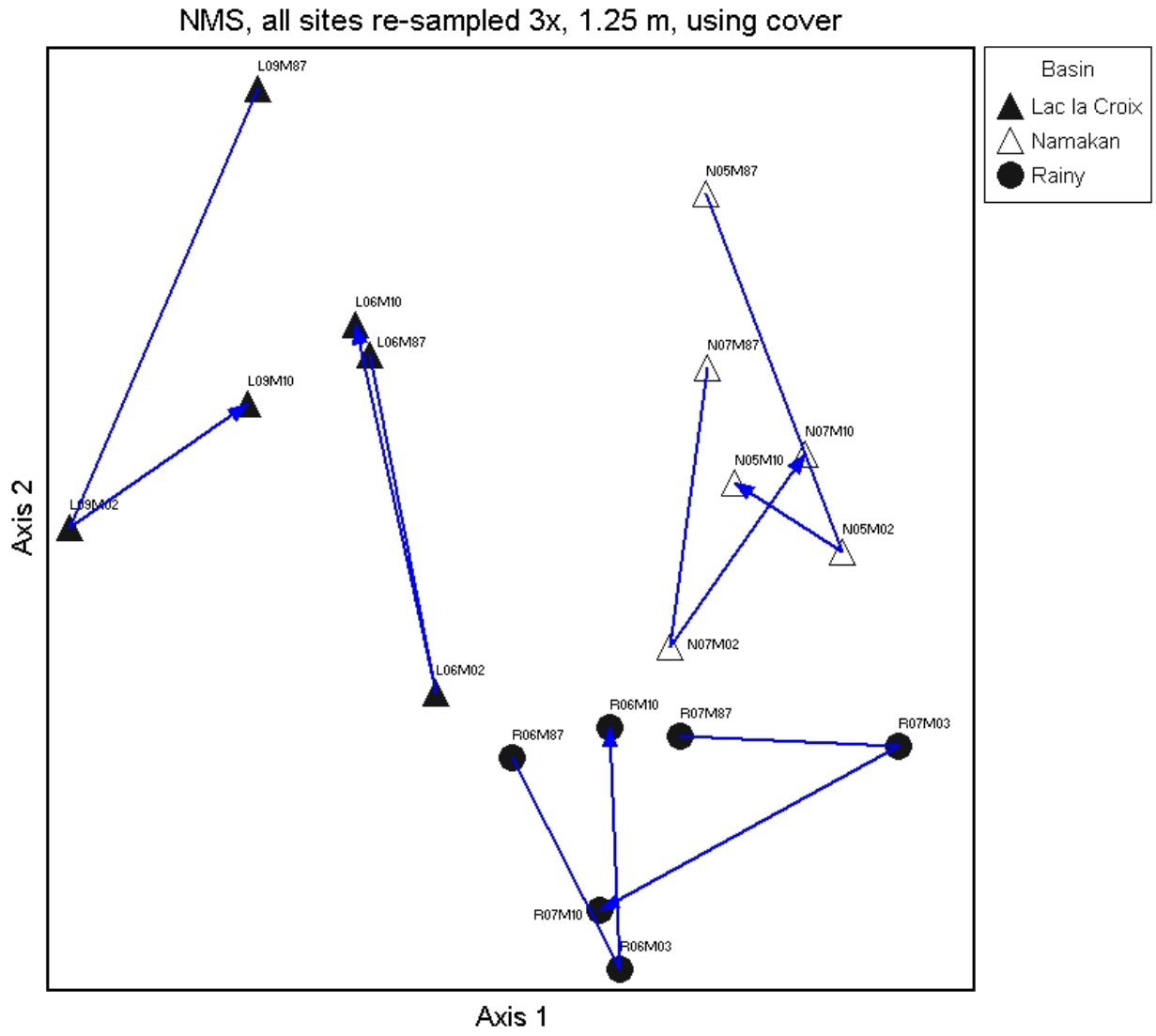

Figure 16. Non-metric multidimensional scaling (NMS) ordination using cover at the 1.25 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07M10 is Rainy site 7 at 1.25 m (middeep) in 2010. “Successional vectors” are shown for each of the six sites over time.

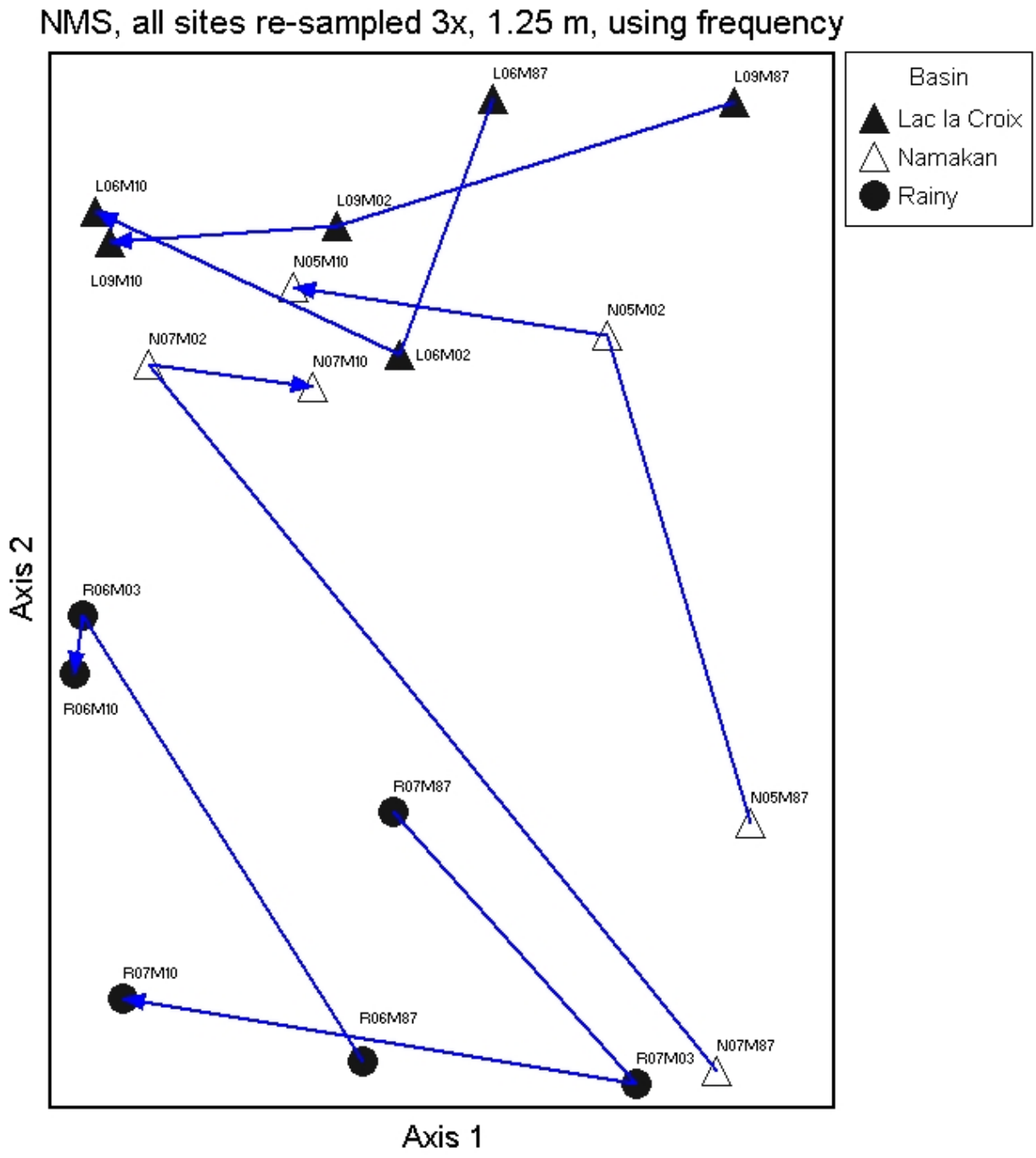

Figure 17. Non-metric multidimensional scaling (NMS) ordination using frequency at the 1.25 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07M10 is Rainy site 7 at 1.25 m (middeep) in 2010. “Successional vectors” are shown for each of the six sites over time.

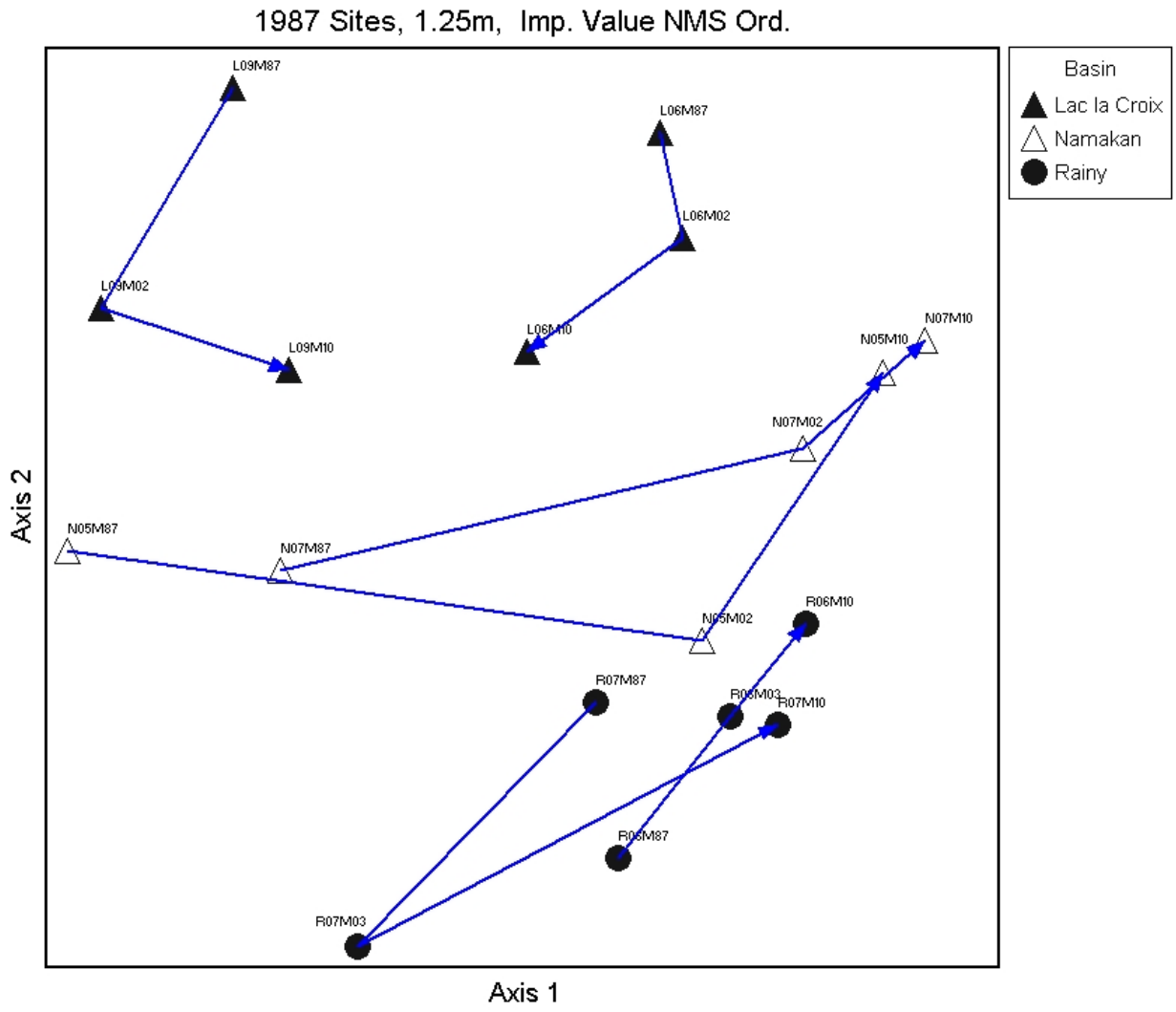

Figure 18. Non-metric multidimensional scaling (NMS) ordination using importance value at the 1.25 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07M10 is Rainy site 7 at 1.25 m (middeep) in 2010. "Successional vectors" are shown for each of the six sites over time.

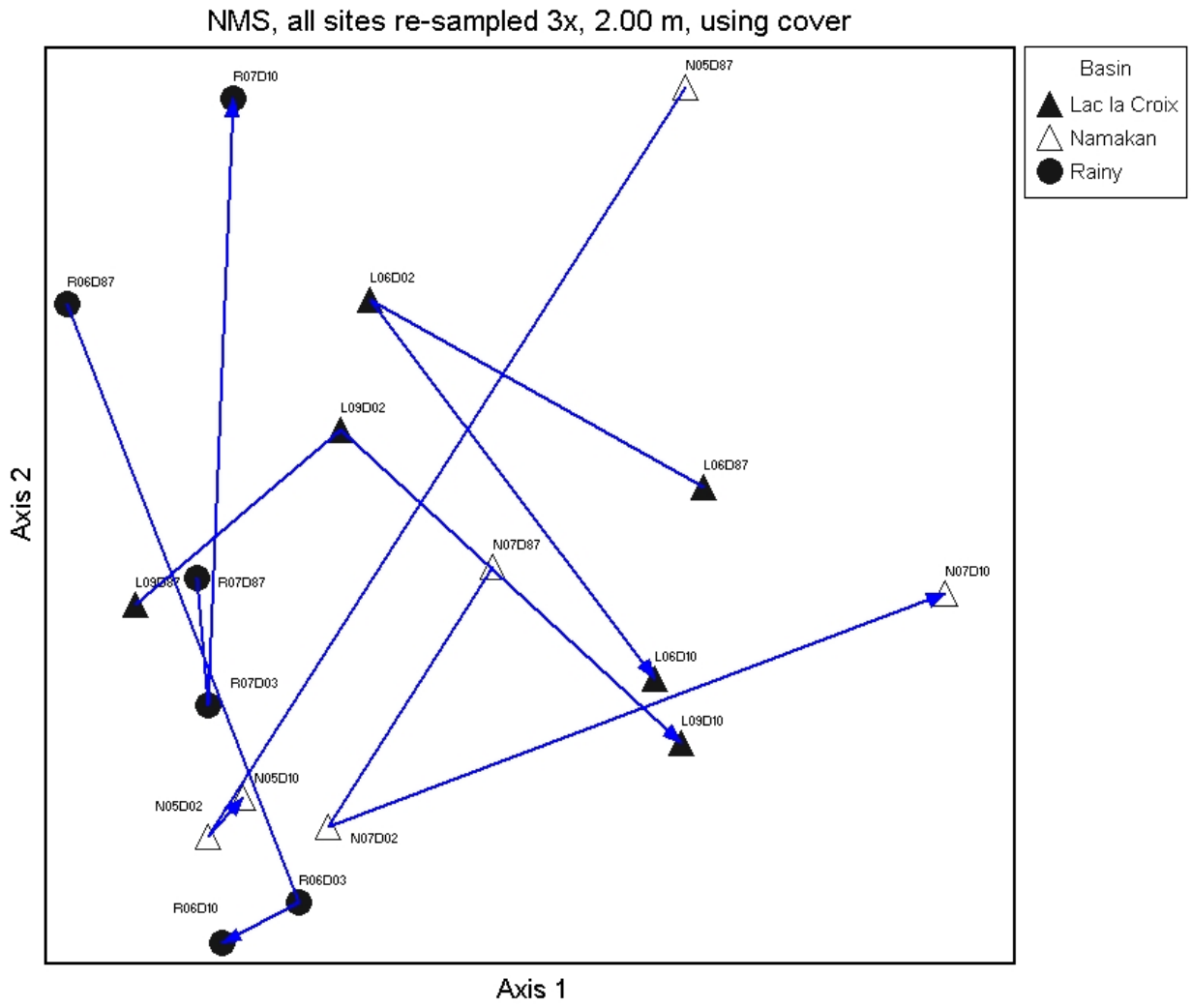

Figure 19. Non-metric multidimensional scaling (NMS) ordination using raw cover at the 2.0 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07D10 is Rainy site 7 at 2.00 m (deep) in 2010. "Successional vectors" are shown for each of the six sites over time.

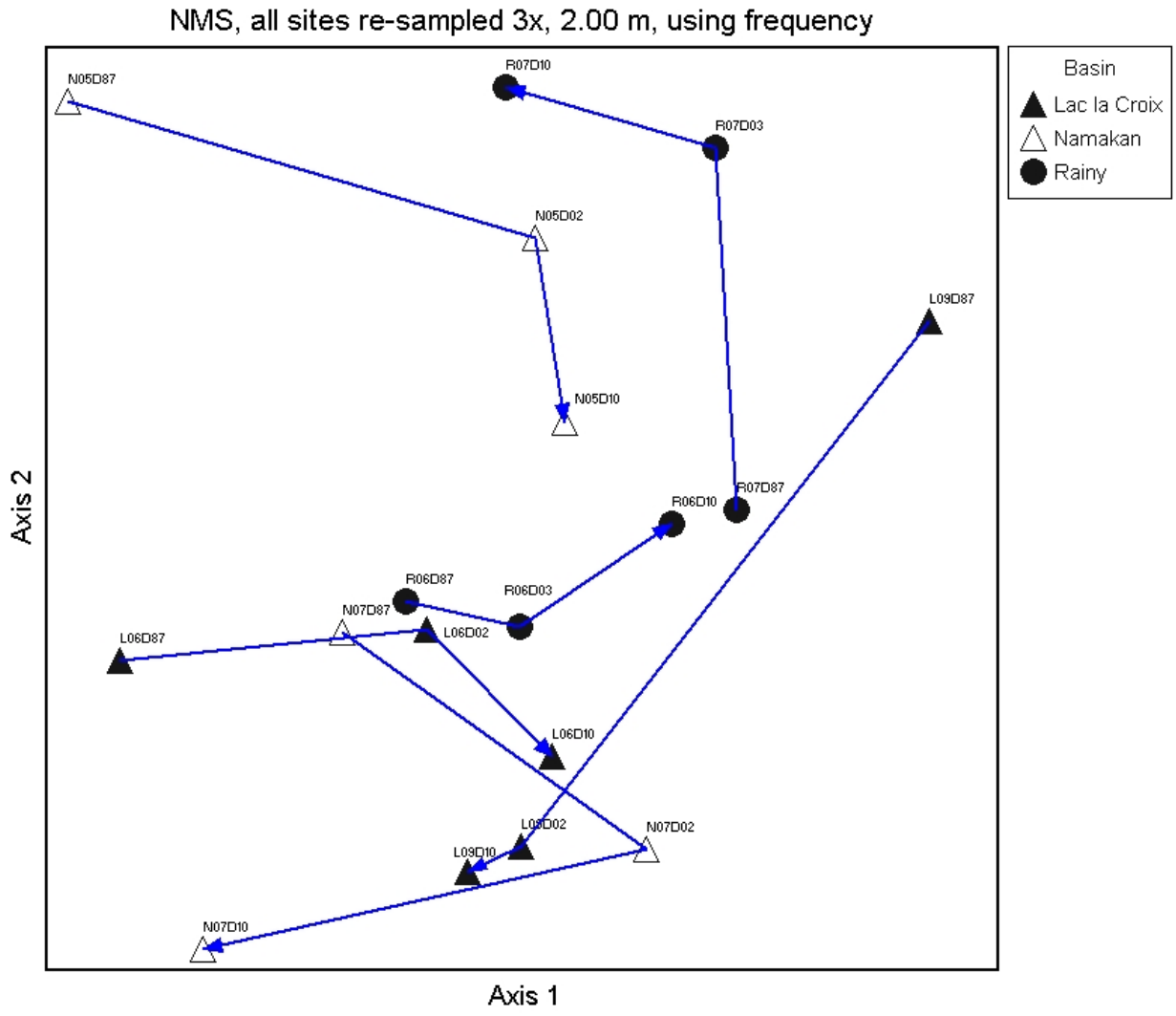

Figure 20. Non-metric multidimensional scaling (NMS) ordination using frequency at the 2.0 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07D10 is Rainy site 7 at 2.00 m (deep) in 2010. “Successional vectors” are shown for each of the six sites over time.

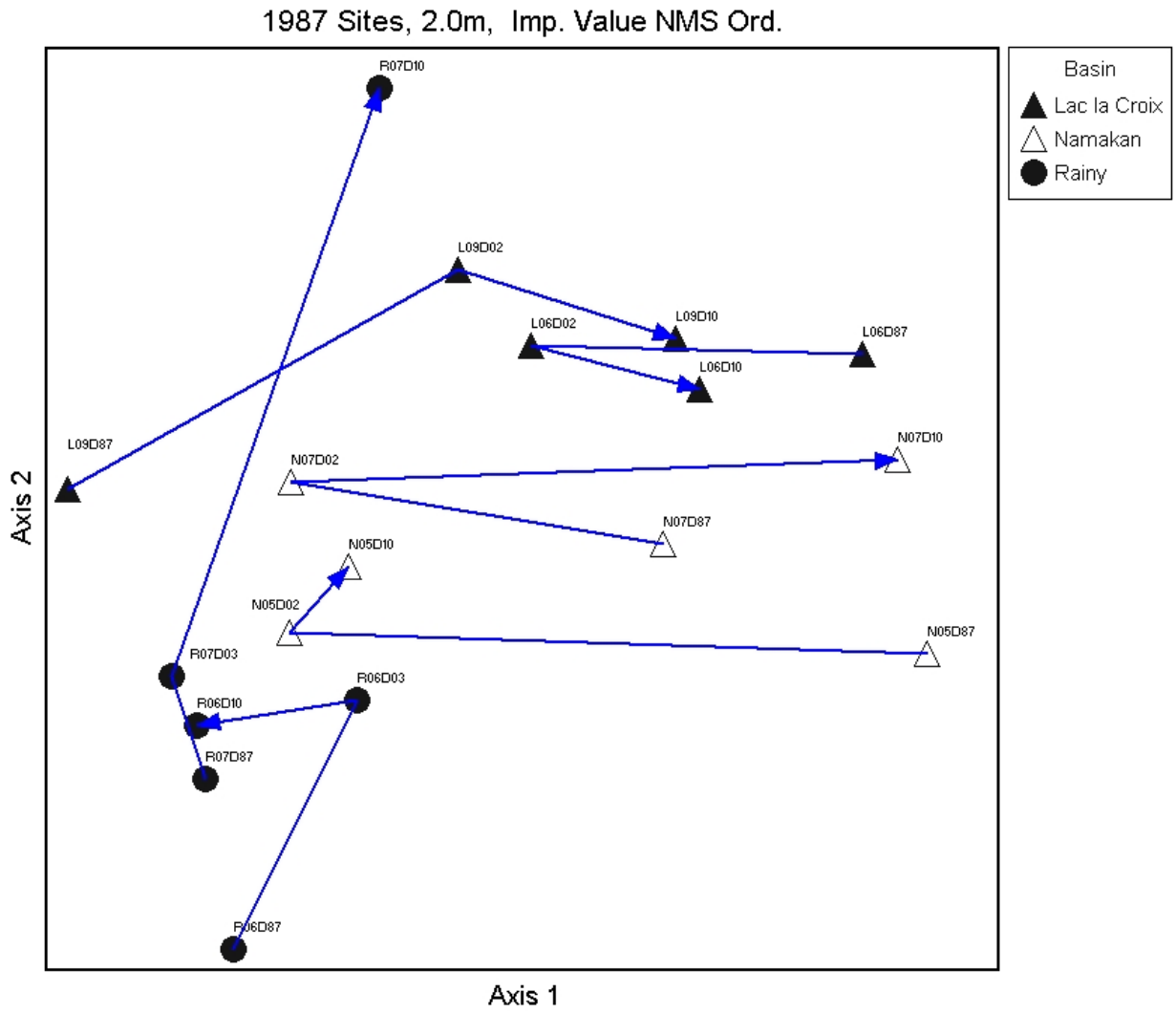

Figure 21. Non-metric multidimensional scaling (NMS) ordination using importance value at the 2.0 m depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07D10 is Rainy site 7 at 2.00 m (deep) in 2010. “Successional vectors” are shown for each of the six sites over time.

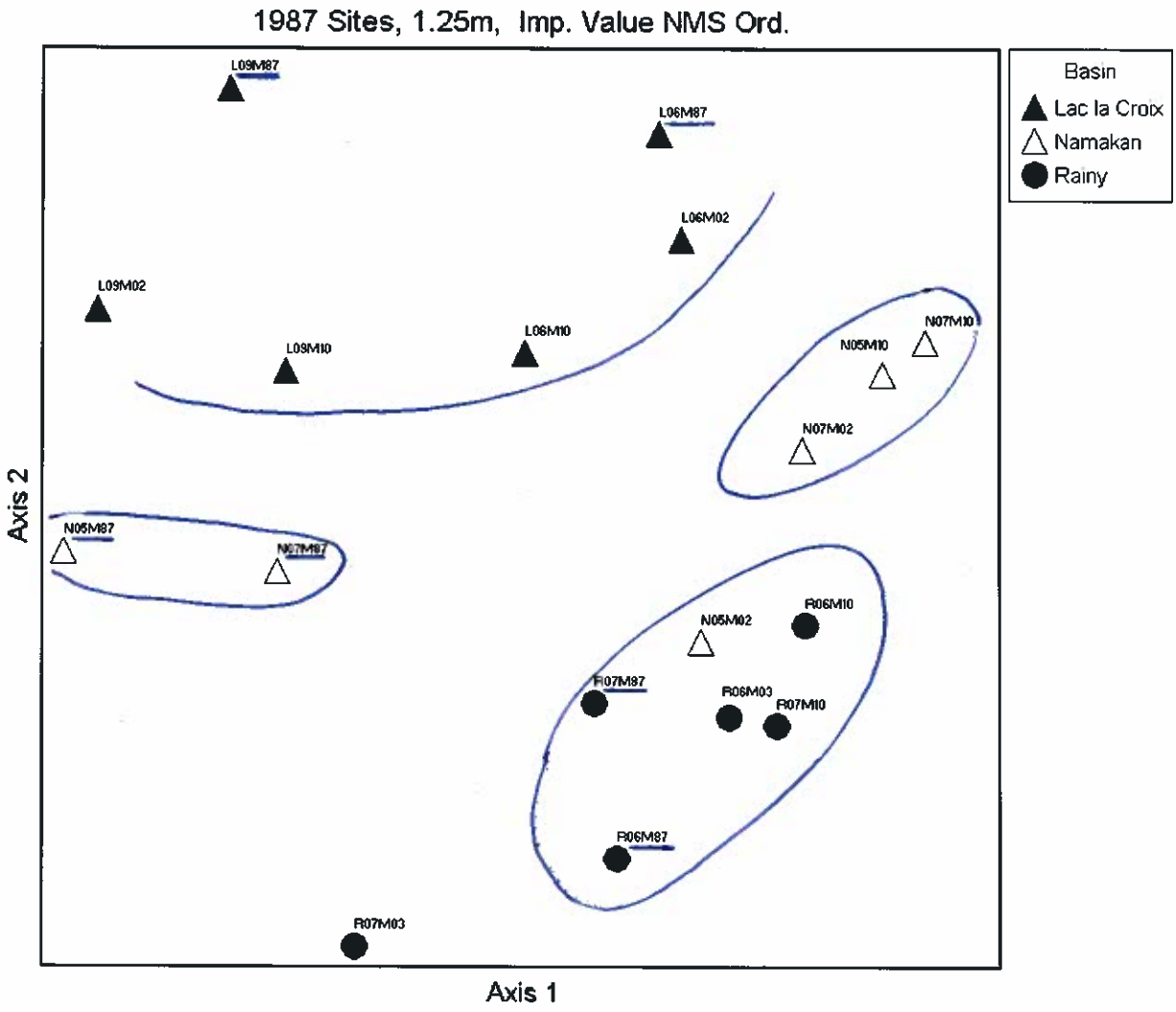

Figure 22. Non-metric multidimensional scaling (NMS) ordination using importance value at the **1.25 m** depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07M10 is Rainy site 7 at 1.25 m (mid-deep) in 2010. Sites are generally grouped by similar species composition, and all six 1987 site labels are underlined.

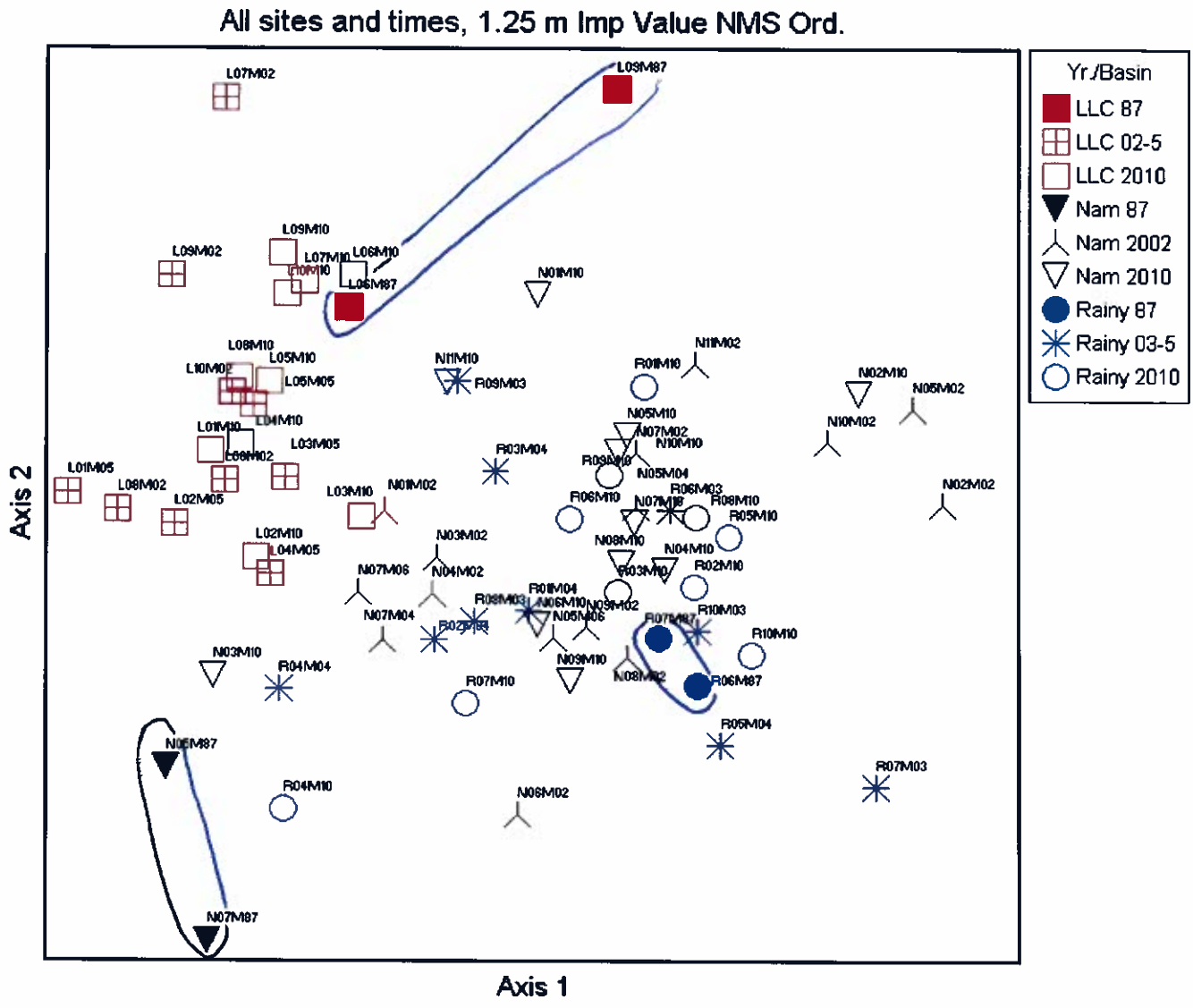

Figure 23. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 1.25m elevation . Sites are labeled by basin, site #, depth and year, for example R04M10 is Rainy site 4 at 1.25m (Mid-Deep) in 2010. **Sites are grouped by the 1987 sampling only** and water body

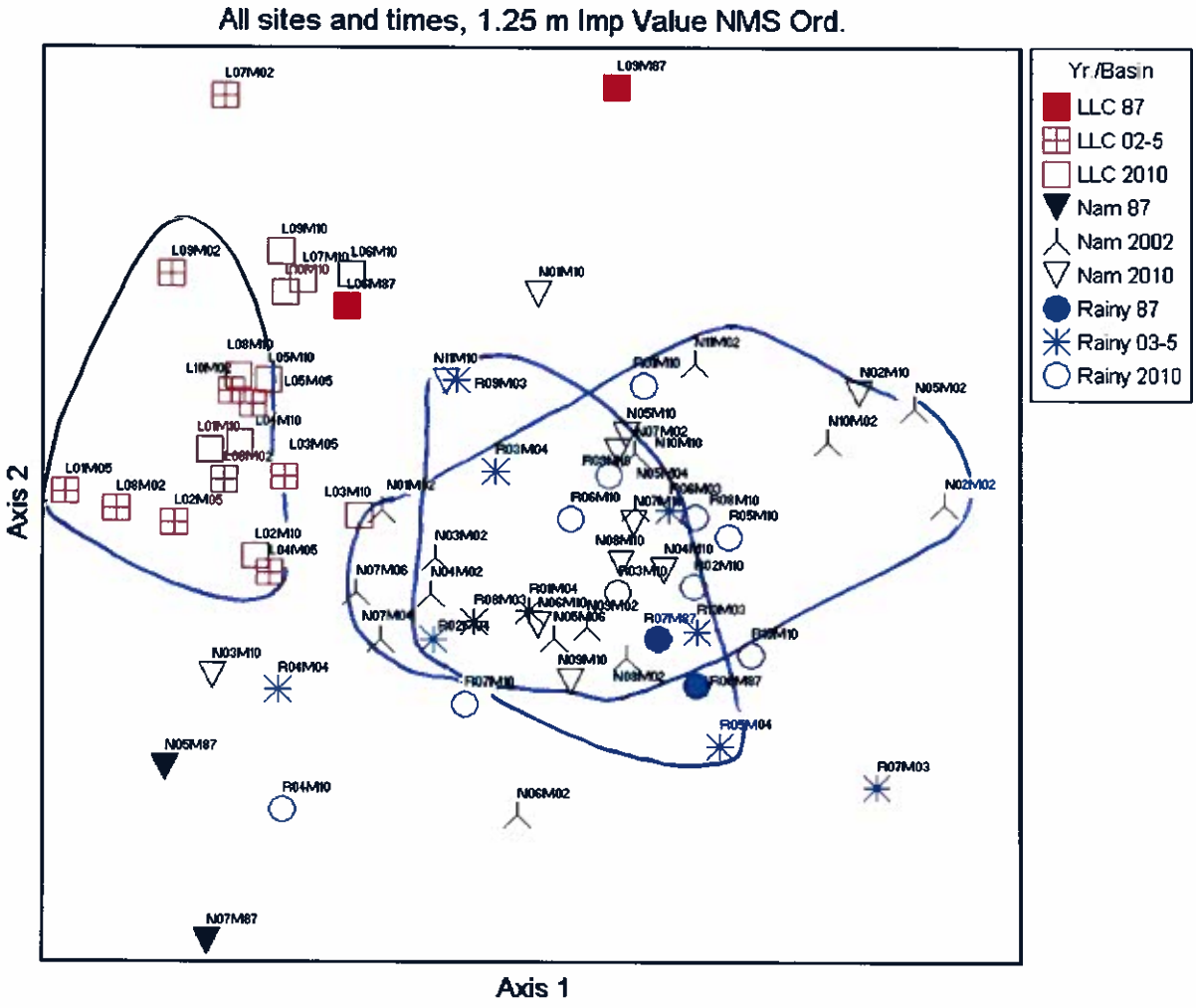

Figure 24. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example R04M10 is Rainy site 4 at 1.25m (Mid-Deep) in 2010. **Sites are grouped by the 2002-2006 sampling only** and by water body.

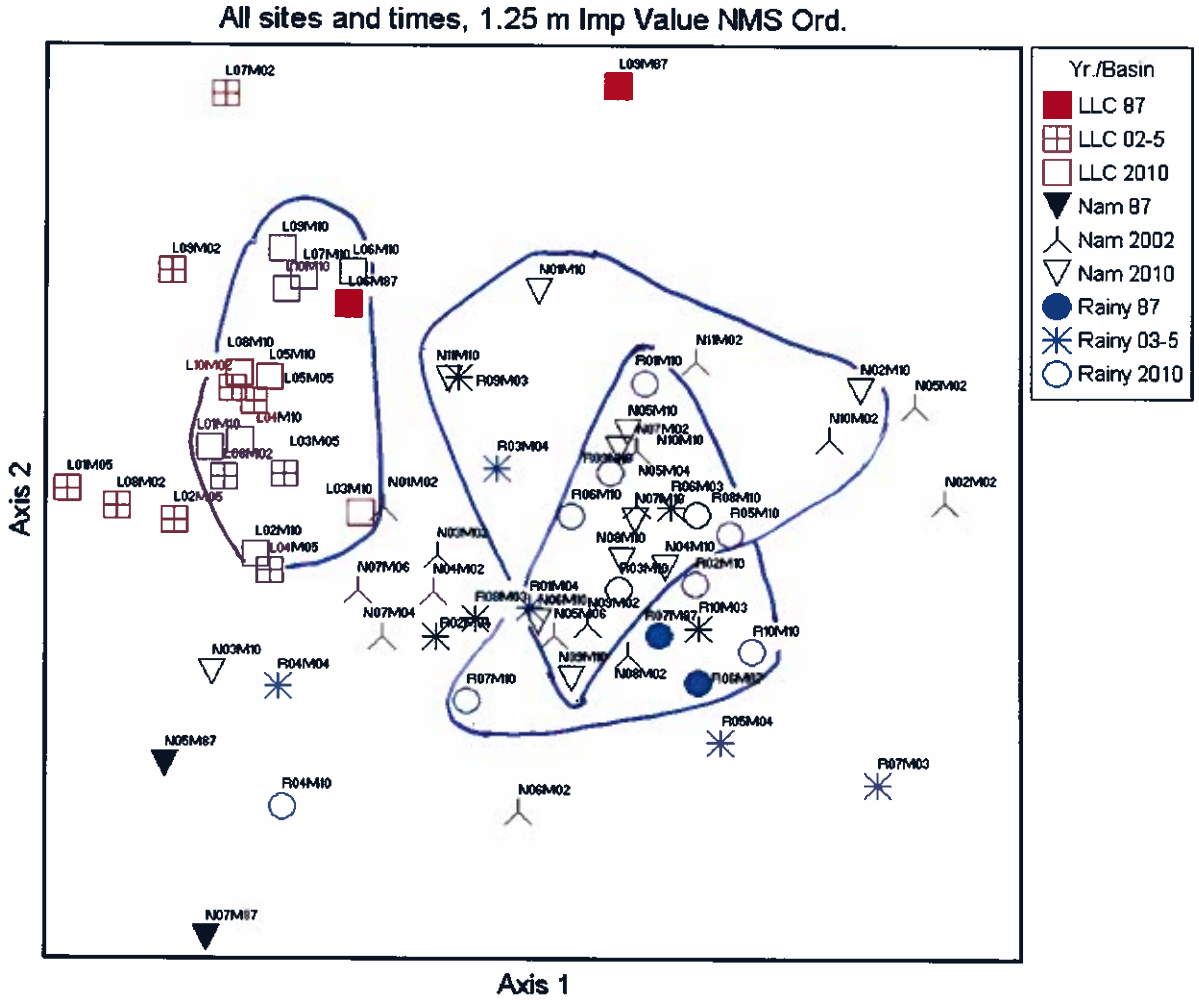

Figure 25. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example R04M10 is Rainy site 4 at 1.25m (Mid-Deep) in 2010. **Sites are grouped by the 2010 sampling only** and by water body.

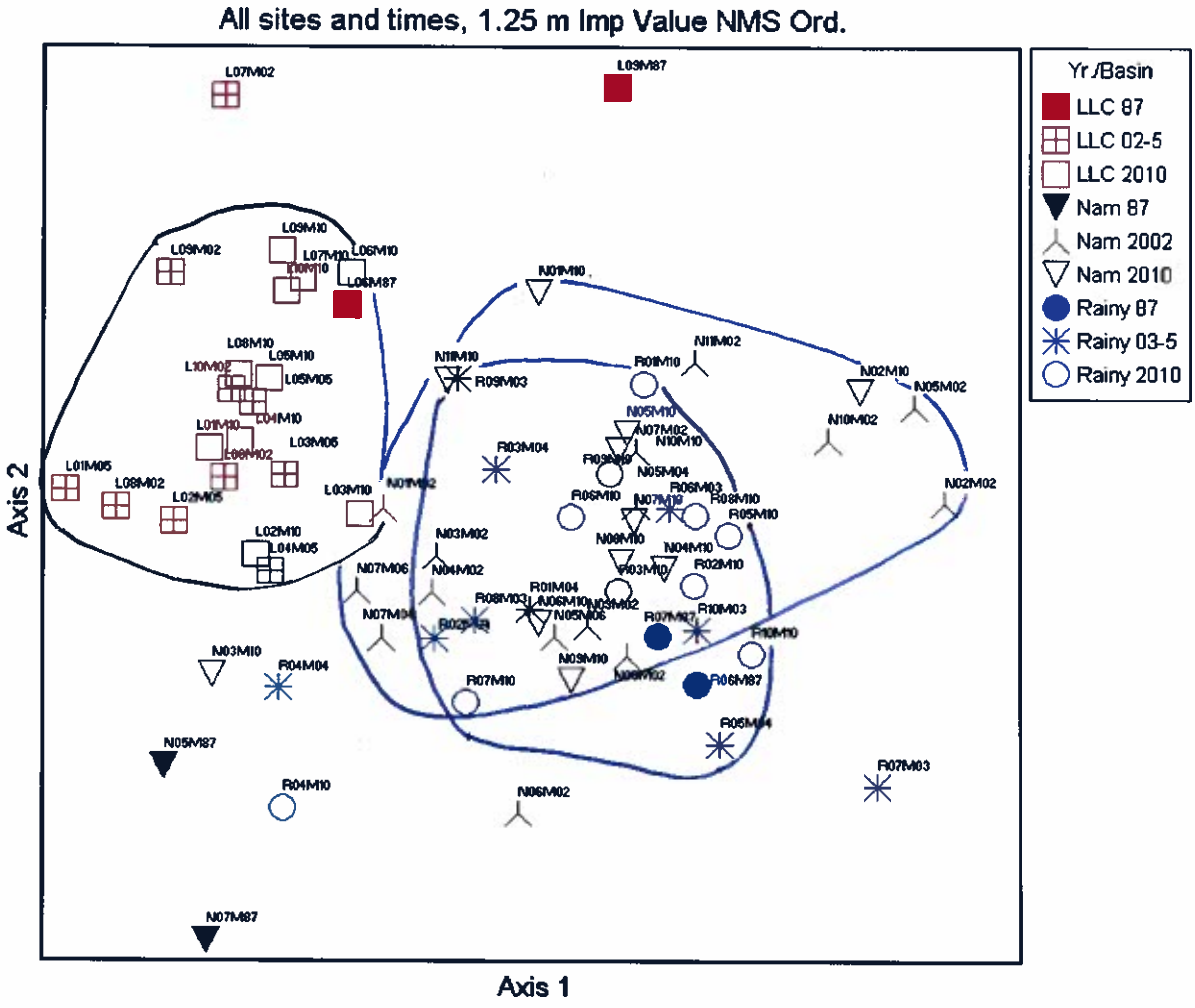

Figure 26. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example R04M10 is Rainy site 4 at 1.25m (Mid-Deep) in 2010. **Sites are grouped by water body and all years post 1987.**

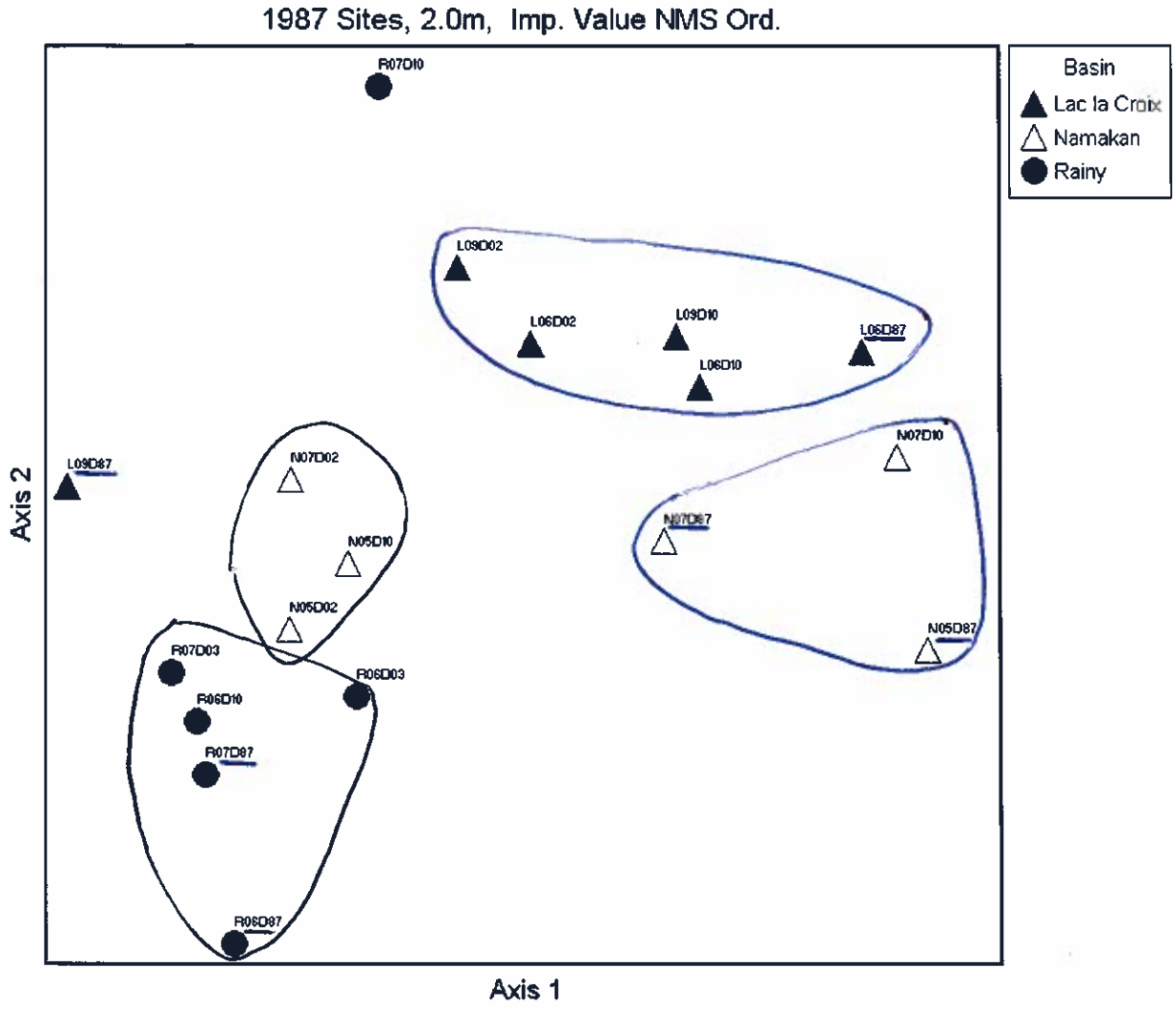

Figure 27. Non-metric multidimensional scaling (NMS) ordination using importance value at the **2.0m** depth for the six sites that were sampled three times over the period 1987 – 2010. Two sites from each basin were sampled. Sites are labeled by basin, site #, depth and year, for example R07M10 is Rainy site 7 at 1.25 m (mid-deep) in 2010. Sites are generally grouped by similar species composition, and all six 1987 site labels are underlined.

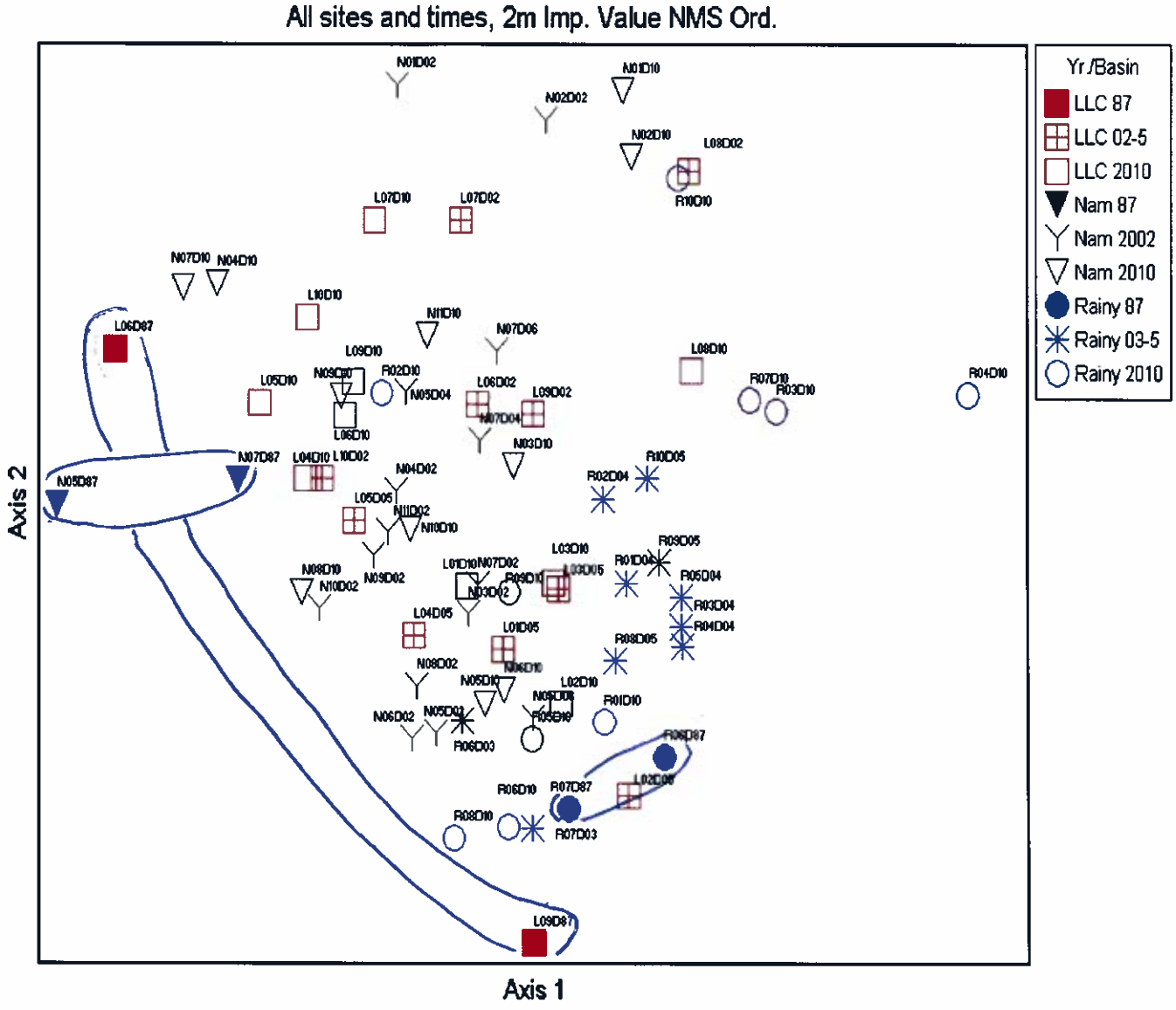

Figure 28. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example L09D87 is Lac la Croix site 9 at 2.0m (Deep) in 1987. **Sites are grouped by the 1987 sampling only** and water body.

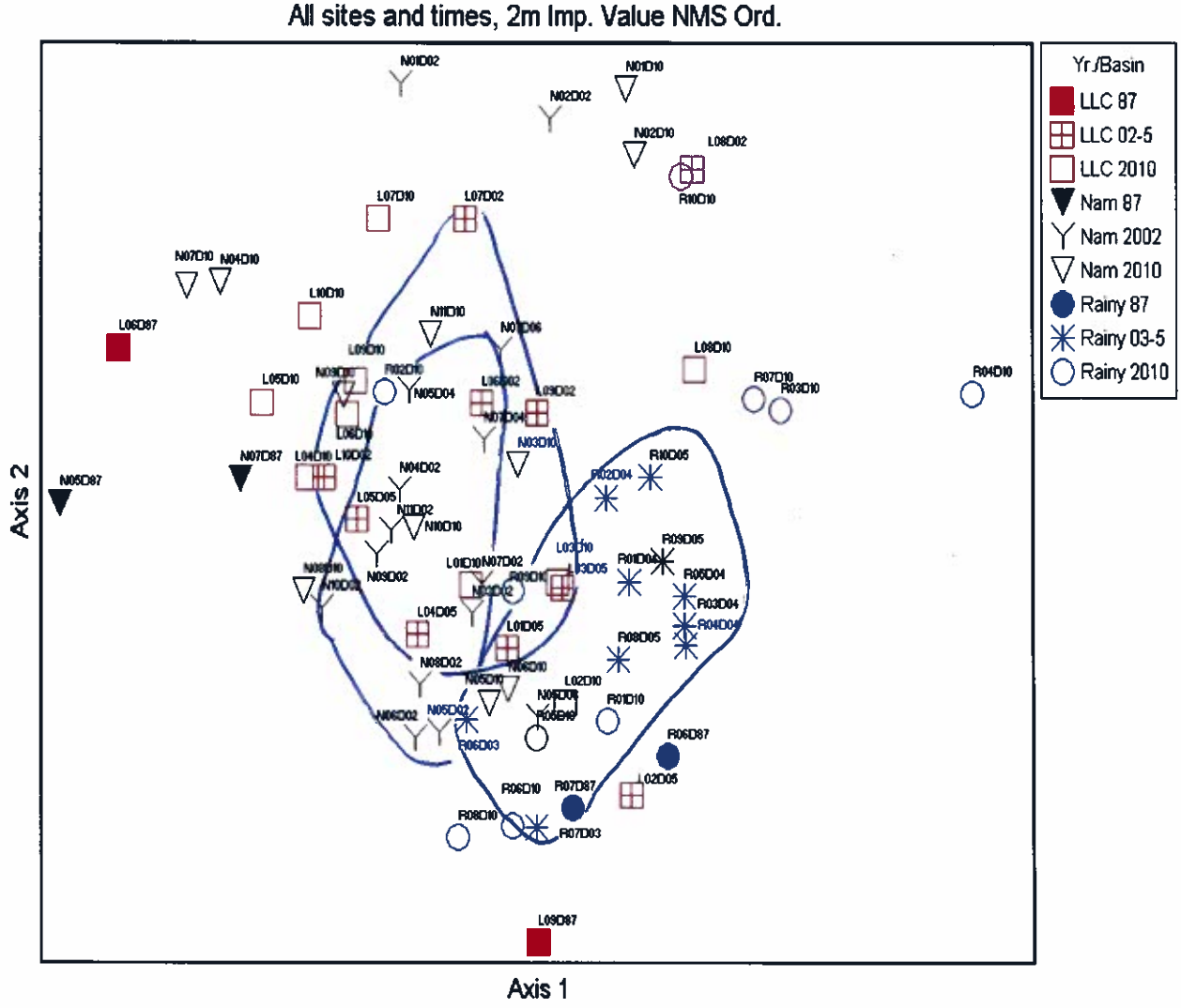

Figure 29. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example L09D87 is Lac la Croix site 9 at 2.0m (Deep) in 1987. **Sites are grouped by the 2002-2006 sampling only** and by water body.

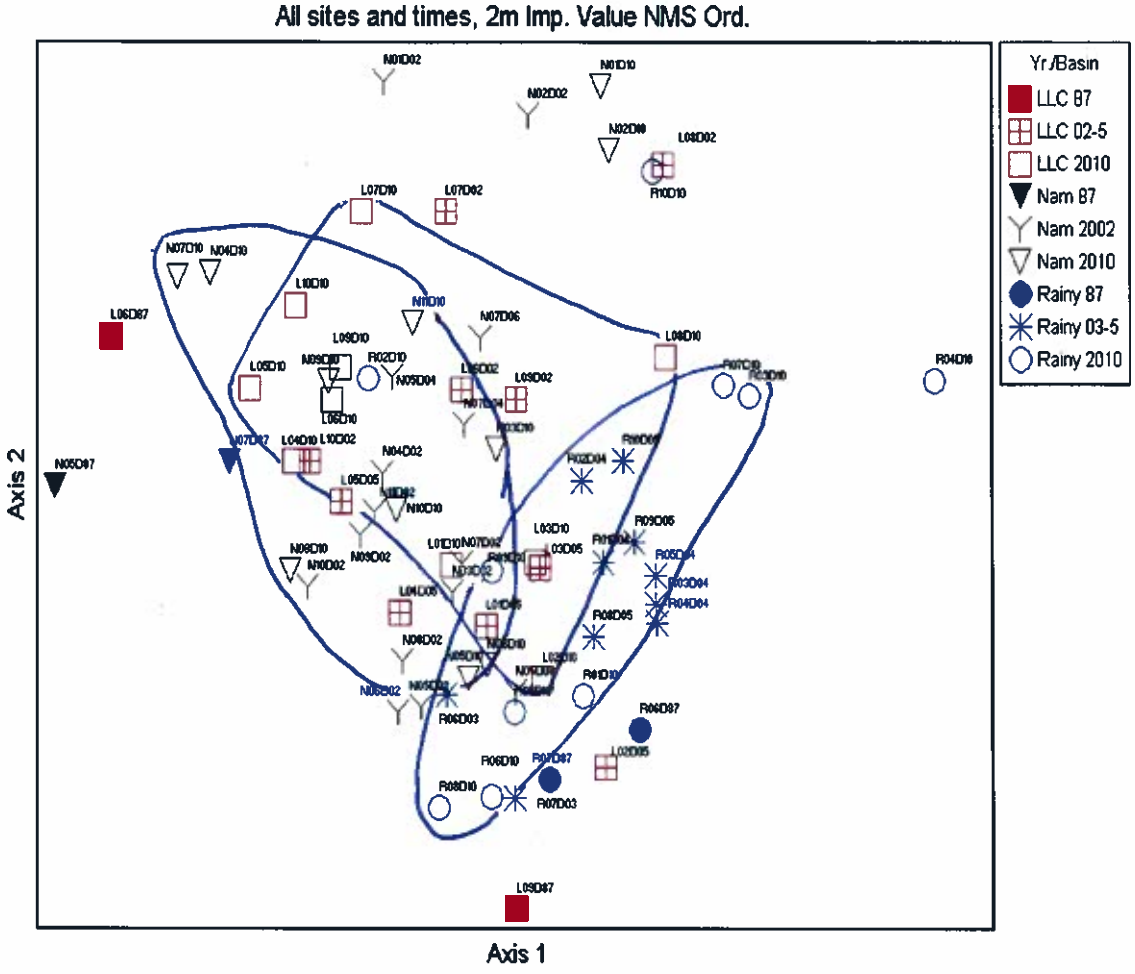

Figure 30. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example L09D87 is Lac la Croix site 9 at 2.0m (Deep) in 1987. **Sites are grouped by the 2010 sampling only** and by water body.

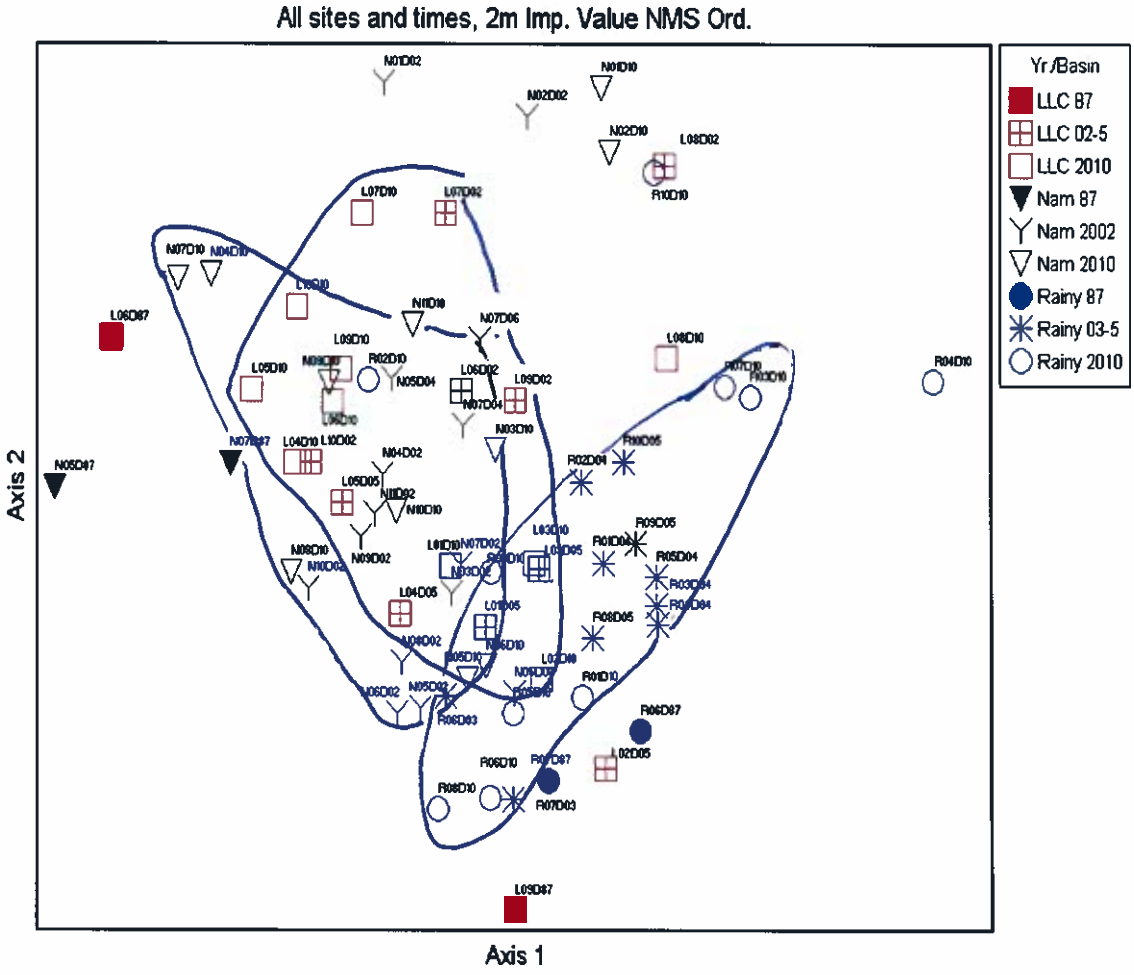

Figure 31. Non-metric multidimensional scaling (NMS) ordination using importance value for all sites and all three times (1987, 2002-6, 2010) at the 2.0m elevation . Sites are labeled by basin, site #, depth and year, for example L09D87 is Lac la Croix site 9 at 2.0m (Deep) in 1987. **Sites are grouped by water body and all years post 1987.**